ADDENDUM 6

MASTER MICROBIOLOGY CULTURE RESULTS

Author

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TEST REPORT

AMCL17/25640 Report number: M17/4554



CLIENT DETAILS:

Client reference / Order number:	1000643698	Report date: 2017-08-28
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-07-05
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-07-05
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	
E-mail address:	jnice@csir.co.za	

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			Sample	Sample	Sample	Sample	Sample
	Laborator	y number:	M17/4554/1.1	M17/4554/1.2	M17/4554/1.3	M17/4554/1.4	M17/4554/1.5
Second	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample	reference:	21C A	21C B	21C C	21C D	239A
T0367	Commencement da	ate of test:	2017-07-05	2017-07-05	2017-07-05	2017-07-05	2017-07-05
-	Completion da	ate of test:	2017-08-11	2017-08-11	2017-08-11	2017-08-11	2017-08-11
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Staphylococcus cohnii	Mycobacterium	Bacillus simplex 99.9%	Bacillus	Serratia liquefaciens
			ssp cohnii 99.9%	nebraskense 50.0%;		altitudinis/pumilus	99.9%
				Bacterroides		99.9%	
				ovatus/xylanisolvens			
				50.0%			

NOTES:

<1 Cfu/g/ml

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or This test report applies only to the samples tested.

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TEST REPORT

AMCL17/25640 Report number: M17/4554



Page 2 of 3

2015-07-17

			Sample	Sample	Sample	Sample	Sample
	Laborator	y number:	M17/4554/1.6	M17/4554/1.7	M17/4554/1.8	M17/4554/1.9	M17/4554/1.10
sanas +sanas	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
BC-MEA Todata	Client sample reference:		239B	239C	240A	240B	240C
TO367	Commencement da	ate of test:	2017-07-05	2017-07-05	2017-07-05	2017-07-05	2017-07-05
	Completion da	ate of test:	2017-08-11	2017-08-11	2017-08-11	2017-08-11	2017-08-11
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Staphylococcus	Nocardia	Staphylococcus	Bacillus	Gordonia sputi 99.9%
			aureus 99.9%	cyriacigeorgica 99.2%	hominis 99.9%	altitudinis/pumilus	
						99.9%	

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/25640 Report number: M17/4554



Sample Sample Laboratory number: M17/4554/1.11 M17/4554/1.12 Sample type: Culture plate Culture plate Client sample reference: 241A 241B Commencement date of test: 2017-07-05 2017-07-05 2017-08-11 Completion date of test: 2017-08-11 Condition of sample: Acceptable Acceptable **Test Method Used** Analysis Units AMS-AML-303 Organism Identification Acinetobacter Iwoffii Acinetobacter ---99.9% radioresistens 99.9%

Name in full

Designation

Signature

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or <1 Cfu/g/ml This test report applies only to the samples tested.

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TEST REPORT

AMCL17/25640 Report number: M17/4556



CLIENT DETAILS:

Client reference / Order number:	1000643698 (Bag 2)	Report date: 2017-09-12
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-07-05
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-07-05
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	-
E-mail address:	jnice@csir.co.za	

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			Sample	Sample	Sample	Sample	Sample
	Laboratory number:		M17/4556/1.1	M17/4556/1.2	M17/4556/1.4	M17/4556/1.6	M17/4556/1.8
Fsanas	Sample type:		Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
TO367	Client sample reference:		242A	242B	243B	244A	245A
TO367	Commencement d	ate of test:	2017-07-07	2017-07-07	2017-07-07	2017-07-07	2017-07-07
	Completion d	ate of test:	2017-08-31	2017-08-31	2017-08-31	2017-08-31	2017-08-31
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Pseudomonas luteola	Spot/Organism Failed	Spot/Organism Failed	Spot/Organism Failed	Staphylococcus
							epidermidis

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT

AMCL17/25640 Report number: M17/4556



Page 2 of 4

			Sample	Sample		
	Laborator	y number:	M17/4556/1.9	M17/4556/1.13		
Seconac	Sa	mple type:	Culture plate	Culture plate		
TOSE7	Client sample reference:		245B	247C		
TO367	Commencement da	te of test:	2017-07-07	2017-07-07		
	Completion da	te of test:	2017-08-31	2017-08-31		
	Condition	of sample:	Acceptable	Acceptable		
Test Method Used	Analysis	Units				
AMS-AML-303	Organism Identification		Spot/Organism Failed	Spot/Organism Failed		

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT

AMCL17/25640 Report number: M17/4556



Page 3 of 4

			Sample	Sample	Sample	Sample	Sample
	Laborator	ry number:	M17/4556/1.3	M17/4556/1.5	M17/4556/1.7	M17/4556/1.10	M17/4556/1.11
Second 4	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
Rac-MRA Sanas	Client sample	reference:	243A	243C	244B	245C	247A
TO367	Commencement da	ate of test:	2017-07-07	2017-07-07	2017-07-07	2017-07-07	2017-07-07
	Completion da	ate of test:	2017-08-31	2017-08-31	2017-08-31	2017-08-31	2017-08-31
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303*	Organism Identification		Achromobacter	Achromobacter	Pseudomonas	Bacillus vallismortis;	Achromobacter
			xylosoxidans;	denitrificans;	viridiflava	Bacillus subtilis;	denitrificans;
			Achromobacter	Achromobacter		Bacillus	Achromobacter
			denitrificans	xylosoxidans		amyloliquefaciens	xylosoxidans
	Confidence Value	%	50.0%;50.0%	50.0%; 50.0%	50.0%	33.3%; 33.3%; 33.3%	50.0%; 50.0%

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT

AMCL17/25640 Report number: M17/4556



			Sample	
	Laborator	ry number:	M17/4556/1.12	
Senac 4	Sa	ample type:	Culture plate	
Rac-MEA (Sanas	Client sample r	reference:	247B	
TO367	Commencement da	ate of test:	2017-07-07	
Г	Completion da	ate of test:	2017-08-31	
ſ	Condition	Condition of sample:		
Test Method Used	Analysis	Units		
AMS-AML-303*	Organism Identification		Achromobacter	
	1		xylosoxidans;	
	1		Achromobacter	
	· · · · · · · · · · · · · · · · · · ·		denitrificans	
	Confidence Value	%	50.0%; 50.0%	

Comment:

Approved signatory: Philani Nkosi Quality Microbiologist

ALASS-

Name in full

Designation

Signature

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT

AMCL17/25640 Report number: M17/4558



CLIENT DETAILS:

Client reference / Order number:	1000643698 (Bag 3)	Report date: 2017-09-12
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-07-05
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-07-05
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	
E-mail address:	jnice@csir.co.za	

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			Sample	Sample	Sample	Sample	Sample
	Laborato	Laboratory number:		M17/4558/1.3	M17/4558/1.4	M17/4558/1.5	M17/4558/1.6
	Sample type:		Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample reference:		248A	248C	249A	249B	250A
TO367	Commencement d	ate of test:	2017-07-07	2017-07-07	2017-07-07	2017-07-07	2017-07-07
	Completion d	ate of test:	2017-08-31	2017-08-31	2017-08-31	2017-08-31	2017-08-31
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Enterococcus faecium	Staphylococcus	Acinetobacter Iwoffii	Spot/Organism failed	Pseudomonas putida
				haemolyticus			

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

This test report applies only to the samples tested.

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TEST REPORT

AMCL17/25640 Report number: M17/4558



Sample Sample Sample Sample Sample Laboratory number: M17/4558/1.7 M17/4558/1.8 M17/4558/1.9 M17/4558/1.10 M17/4558/1.12 Sample type: Culture plate Culture plate Culture plate Culture plate Culture plate Client sample reference: 251A 251B 251C 252A 252C Commencement date of test: 2017-07-07 2017-07-07 2017-07-07 2017-07-07 2017-07-07 Completion date of test: 2017-08-31 2017-08-31 2017-08-31 2017-08-31 2017-08-31 Condition of sample: Acceptable Acceptable Acceptable Acceptable Acceptable **Test Method Used** Analysis Units AMS-AML-303 Organism Identification Staphylococcus Bacillus cereus group Spot/Organism failed Pantoea agglomerans; Bacillus cereus group ____ hominis Pseudomonas fluorescens:

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

This test report applies only to the samples tested.

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2017-09-06

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TEST REPORT

AMCL17/25640 Report number: M17/4558



Sample Sample Laboratory number: M17/4558/1.2 M17/4558/1.11 Sample type: Culture plate Culture plate Client sample reference: 248B 252B Commencement date of test: 2017-07-07 2017-07-07 Completion date of test: 2017-08-31 2017-08-31 Condition of sample: Acceptable Acceptable **Test Method Used** Analysis Units AMS-AML-303* Organism Identification Bacillus Lysinibacillus ____ amyloliquefaciens fusiformis % Confidence Value 33.3% 50.0% ---

Comment: Philani Nkosi Quality Microbiologist Approved signatory: _____

Name in full

Designation

Signature

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT

AMCL17/25640 Report number: M17/4560



CLIENT DETAILS:

Client reference / Order number:	1000643698 (Bag 4)	Report date: 2017-09-12
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-07-05
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-07-05
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	
E-mail address:	jnice@csir.co.za	

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Hac-MRA	Testing Laboratory
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Canac			Sample M17/4560/1.1	Sample	Sample	Sample	Sample
	Laborato	Laboratory number:		M17/4560/1.2	M17/4560/1.3	M17/4560/1.4	M17/4560/1.5
	Sample type:		Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample	reference:	253A	253B	253C	254A	254B
TO367	Commencement date of test:		2017-07-07	2017-07-07	2017-07-07	2017-07-07	2017-07-07
	Completion d	ate of test:	2017-08-31	2017-08-31	2017-08-31	2017-08-31	2017-08-31
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Staphylococcus epidermidis ; Paenibaciillus pabuli	Staphylococus epidermidis ; Paenibacillus pabuli	Spot/Organism failed	Spot/Organism failed	Baciilus altitudinis/pumilus

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT

AMCL17/25640 Report number: M17/4560



Sample Sample Sample Sample Sample Laboratory number: M17/4560/1.6 M17/4560/1.7 M17/4560/1.8 M17/4560/1.9 M17/4560/1.10 Sample type: Culture plate Culture plate Culture plate Culture plate Culture plate Client sample reference: 254C 254D 255A 255B 255C Commencement date of test: 2017-07-07 2017-07-07 2017-07-07 2017-07-07 2017-07-07 Completion date of test: 2017-08-31 2017-08-31 2017-08-31 2017-08-31 2017-08-31 Condition of sample: Acceptable Acceptable Acceptable Acceptable Acceptable **Test Method Used** Analysis Units AMS-AML-303 Organism Identification Spot/Organism failed Bacillus cereus group Bacillus cereus group Acinetobacter Iwoffii Staphylococcus cohnii --ssp urealyticus

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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Web address: www.aspirata.co.za

TEST REPORT

AMCL17/25640 Report number: M17/4560



Sample Sample Laboratory number: M17/4560/1.11 M17/4560/1.12 Sample type: Culture plate Culture plate Client sample reference: 256A 257A Commencement date of test: 2017-07-07 2017-07-07 Completion date of test: 2017-08-31 2017-08-31 Condition of sample: Acceptable Acceptable **Test Method Used** Analysis Units AMS-AML-303 Organism Identification Pseudomonas Acinetobacter lwoffii ____ fluorescens

Comment: Approved signatory: Philani Nkosi Quality Microbiologist

Laboratory.

Name in full

Designation

Signature

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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2017-09-06

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TEST REPORT

AMCL17/25640 Report number: M17/4561



CLIENT DETAILS:

Client reference / Order number:	1000643698 (Bag 5)	Report date: 2017-09-12
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-07-05
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-07-05
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	
E-mail address:	jnice@csir.co.za	

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			Sample	Sample	Sample	Sample	Sample
	Laborato	ry number:	M17/4561/1.1	M17/4561/1.2	M17/4561/1.3	M17/4561/1.4	M17/4561/1.5
Second	Sa	Sample type:		Culture plate	Culture plate	Culture plate	Culture plate
Sanas terre Laboratory T0367	Client sample	reference:	258A	258B	258C	259A	259B
T0367	Commencement da	ate of test:	2017-07-07	2017-07-07	2017-07-07	2017-07-07	2017-07-07
	Completion da	ate of test:	2017-08-31	2017-08-31	2017-08-31	2017-08-31	2017-08-31
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Pantoea agglomerans	Acinetobacter lwoffii	Ochrobactrum	Pseudomonas	Pseudomonas
					intermedium	fluorescens	fluorescens

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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Web address: www.aspirata.co.za

TEST REPORT

AMCL17/25640 Report number: M17/4561



Sample Sample Sample Sample Laboratory number: M17/4561/1.7 M17/4561/1.8 M17/4561/1.9 M17/4561/1.11 Sample type: Culture plate Culture plate Culture plate Culture plate Client sample reference: 260A 260B 261A 261C Commencement date of test: 2017-07-07 2017-07-07 2017-07-07 2017-07-07 Completion date of test: 2017-08-31 2017-08-31 2017-08-31 2017-08-31 Condition of sample: Acceptable Acceptable Acceptable Acceptable **Test Method Used** Analysis Units AMS-AML-303 Organism Identification Pseudomonas Spot/Organism Failed Spot/Organism Failed Staphylococcus capitis ____ fluorescens

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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2017-09-06

Revision 14

Unit 2, Berkley Office Park, 8 Bauhinia Street, Highveld Technopark, CENTURION

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Web address: www.aspirata.co.za

TEST REPORT

AMCL17/25640 Report number: M17/4561



			Sample	Sample	 	
Sanas T0367	Laborator	y number:	M17/4561/1.6	M17/4561/1.10		
	Sample type:		Culture plate	Culture plate		
	Client sample reference:		259C	261B		
	Commencement date of test:		2017-07-07	2017-07-07		
	Completion date of test:		2017-08-31	2017-08-31		
	Condition of sample:		Acceptable	Acceptable		
Test Method Used	Analysis	Units				
AMS-AML-303*	Organism Identification		Enterobacter asburiae	Bacillus vallismortis		
	Confidence Value	%	50.0%	33.3%		

Quality Microbiologist Approved signatory: Philani Nkosi _____

Name in full

Designation

Signature

NOTES:

Comment:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT

AMCL17/25640 Report number: M17/4570



CLIENT DETAILS:

Client reference / Order number:	1000643698 (Bag 6)	Report date: 2017-09-12
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-07-05
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-07-05
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	
E-mail address:	jnice@csir.co.za	

Hac-MRA Juin	ac
Testing	T0367

			Sample	Sample	Sample	Sample	Sample
Sanas Tosta	Laboratory number:		M17/4570/1.1	M17/4570/1.2	M17/4570/1.4	M17/4570/1.5	M17/4570/1.7
	Si	Sample type:		Culture plate	Culture plate	Culture plate	Culture plate
	Client sample reference:		262A	262B	263B	264A	265A
	Commencement date of test:		2017-07-07	2017-07-07	2017-07-07	2017-07-07	2017-07-07
	Completion c	late of test:	2017-08-31	2017-08-31	2017-08-31	2017-08-31	2017-08-31
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Spot/organism failed	Bacillus simplex	Bacillus simplex	Staphylococcus	Pseudomonas putida
						epidermidis	

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT

AMCL17/25640 Report number: M17/4570



			Sample	Sample	Sample	Sample	Sample
	Laborator	Laboratory number:		M17/4570/1.9	M17/4570/1.12	M17/4570/1.13	M17/4570/1.14
Sanas Toser	Sample type:		Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample reference:		265B	265C	267B	268A	268B
	Commencement date of test:		2017-07-07	2017-07-07	2017-07-07	2017-07-07	2017-07-07
	Completion da	ate of test:	2017-08-31	2017-08-31	2017-08-31	2017-08-31	2017-08-31
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Pseudomonas putida	Pseudomonas putida	Pantoea agglomerans;	Bacillus megaterium	Spot/organism failed
					Enterococcus faecium		

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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2017-09-06

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TEST REPORT

AMCL17/25640 Report number: M17/4570



Page 3 of 3

			Sample	Sample	Sample	Sample	
5002010	Laborator	ry number:	M17/4570/1.3	M17/4570/1.6	M17/4570/1.10	M17/4570/1.11	
Senerat	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	
	Client sample	reference:	263A	264B	266A	267A	
TO367	Commencement da	ate of test:	2017-07-07	2017-07-07	2017-07-07	2017-07-07	
	Completion da	ate of test:	2017-08-31	2017-08-31	2017-08-31	2017-08-31	
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	
Test Method Used	Analysis	Units					
AMS-AML-303*	Organism Identification		Achromobacter	Bacillus	Streptococcus	Moraxella lacunata	
			denitrificans;	amyloliquefaciens;	pneumoniae;		
			Achromobacter	Bacillus subtilis;	Streptococcus		
			xylosoxidans	Bacillus vallismortis	sanguinis		
	Confidence Value	%	50.0%; 50.0%	33.3%; 33.3%; 33.3%	48.2%; 51.7%	33.3%	

Comment:

Approved signatory:

Philani Nkosi

Quality Microbiologist



Name in full

Designation

Signature

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT

AMCL17/25640 Report number: M17/4572



CLIENT DETAILS:

Client reference / Order number:	1000643698(Bag 7)	Report date: 2017-09-04
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-07-05
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-07-05
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	
E-mail address:	jnice@csir.co.za	

	+sanas
Contradada.	Testing Lationatory T0367

			Sample	Sample	Sample	Sample	Sample
	Laborator	y number:	M17/4572/1.1	M17/4572/1.2	M17/4572/1.3	M17/4572/1.4	M17/4572/1.5
Canac 4 canac	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
BC-MEA Together T0367	Client sample	reference:	269A	269B	270A	271A	271B
TO367	Commencement da	ate of test:	2017-07-07	2017-07-07	2017-07-07	2017-07-07	2017-07-07
	Completion da	ate of test:	2017-08-31	2017-08-31	2017-08-31	2017-08-31	2017-08-31
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Pseudomonas	Staphylococcus	Staphylococcus	Bacillus	Paenibacillus apiarius
			fluorescens	sciuri,Pseudomonas	hominis	altitudinis/pumilus	
				fluorescens			

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or <1 Cfu/g/ml

This test report applies only to the samples tested.

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TEST REPORT

AMCL17/25640 Report number: M17/4572



Sample Sample Sample Sample Sample Laboratory number: M17/4572/1.6 M17/4572/1.7 M17/4572/1.8 M17/4572/1.9 M17/4572/1.10 Sample type: Culture plate Culture plate Culture plate Culture plate Culture plate Client sample reference: 272A 272B 273A 273B 273C 2017-07-07 Commencement date of test: 2017-07-07 2017-07-07 2017-07-07 2017-07-07 2017-08-31 2017-08-31 Completion date of test: 2017-08-31 2017-08-31 2017-08-31 Condition of sample: Acceptable Acceptable Acceptable Acceptable Acceptable **Test Method Used** Analysis Units AMS-AML-303 Organism Identification Acinetobacter lwoffi Bacillus Pseudomonas Staphylococcus cohnii Bacillus cereus --altitudinis/pumilus fluorescens ssp urealyticus

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/25640 Report number: M17/4572



			Sample	Sample	Sample	
5000000	Laborator	y number:	M17/4572/1.11	M17/4572/1.12	M17/4572/1.13	
Acanac	Sa	mple type:	Culture plate	Culture plate	Culture plate	
Sanas Inder MEA	Client sample	reference:	273D	274A	274B	
TO367	Commencement da	ate of test:	2017-07-07	2017-07-07	2017-07-07	
	Completion da	ate of test:	2017-08-31	2017-08-31	2017-08-31	
	Condition	of sample:	Acceptable	Acceptable	Acceptable	
Test Method Used	Analysis	Units				
AMS-AML-303	Organism Identification		Bacillus	Pseudomonas putida	Pseudomonas putida	
			amyloliquefaciens,Bacillus			
			vallismortis, Bacillus subtilis			

Comment:			Acto
Approved signatory:	Philani Nkosi	Quality Microbiologist	DUHOS-
	Name in full	Designation	Signature

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or <1 Cfu/g/ml This test report applies only to the samples tested.

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TEST REPORT

Report number: M17/4573



CLIENT DETAILS:

Client reference / Order number:	1000643698 (Bag 8)	Report date: 2017-09-04
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-07-05
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-07-05
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	
E-mail address:	jnice@csir.co.za	

Revision 13



			Sample		
	Laboratory number:		M17/4573/1.1		
Canac	Sample type:		Culture plate		
Sanas tests tabouty	Client sample reference:		275A		
TO367	Commencement date of test:		2017-07-07		
	Completion date of test:		2017-08-31		
	Condition	of sample:	Acceptable		
Test Method Used	Analysis	Units			
AMS-AML-303	Organism Identification		Acinetobacter lwoffii		

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or <1 Cfu/g/ml

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TEST REPORT

Report number: M17/4573



			Sample		 	
	Laboratory number:		M17/4573/1.2			
sanas	Sar	Sample type:				
TO367	Client sample re	eference:	275B			
TO367	Commencement dat	te of test:	2017-07-07			
	Completion dat	te of test:	2017-08-31			
	Condition o	of sample:	Acceptable			
Test Method Used	Analysis	Units				
AMS-AML-303	Organism Identification		Staphylococcus	[
	, J	l	hominis,Kocuria rosea			

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or <1 Cfu/g/ml

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TEST REPORT

Report number: M17/4573



			Sample		
	Laborator	Laboratory number:			
Je Acanac	Sample type:		Culture plate		
Bac-MRA Salida Internet Laboratory	Client sample reference:		275C		
TO367	Commencement date of test:		2017-07-07		
ſ	Completion dat	te of test:	2017-08-31		
	Condition o	of sample:	Acceptable		
Test Method Used	Analysis	Units			
AMS-AML-303	Organism Identification		Micrococcus luteus		

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or <1 Cfu/g/ml This test report applies only to the samples tested.

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TEST REPORT

Report number: M17/4573



			Sample		
	Laborator	ry number:	M17/4573/1.4		
Canac	Sar	mple type:	Culture plate		
BEC MEA Testing (dicontry)	Client sample r	eference:	276A		
TO367	Commencement date of test:		2017-07-07		
	Completion da	ite of test:	2017-08-31		
	Condition of sample:		Acceptable		
Test Method Used	Analysis	Units			
AMS-AML-303	Organism Identification		Pseudomonas		
	/		fluorescens		

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or <1 Cfu/g/ml

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TEST REPORT

Report number: M17/4573



			Sample			
	Laborator	ry number:	M17/4573/1.5			
+sanas	Sa	Sample type:			· · · · · · · · · · · · · · · · · · ·	
BC=MEA Sallas	Client sample r	reference:	276B			
Togo Togo	Commencement da	ate of test:	2017-07-07			[]
	Completion da	ate of test:	2017-08-31			
	Condition of sample:		Acceptable			
Test Method Used	Analysis	Units				
AMS-AML-303	Organism Identification		Streptococcus			
	1	1	constellatus,Moraxella			1
		<u> </u>	cuniculi			1

NOTES:

Cfu: Colony Forming Units

ND: Not Detected

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TEST REPORT

Report number: M17/4573



			Sample		
	Laboratory number:		M17/4573/1.6		
Second Association	Sample type:		Culture plate		
TO367	Client sample reference:		276C		
	Commencement date of test:		2017-07-07		
	Completion date of test:		2017-08-31		
	Condition of sample:		Acceptable		
Test Method Used	Analysis	Units			
AMS-AML-303	Organism Identification		Acinetobacter lwoffi		

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or <1 Cfu/g/ml This test report applies only to the samples tested.

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TEST REPORT

Report number: M17/4573



			Sample				
	Laborator	y number:	M17/4573/1.7	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	,	
Canac	Sar	mple type:	Culture plate	(1	,	
	Client sample re	eference:	277A	(· · · · · · · · · · · · · · · · · · ·	,	
Total and the TO367	Commencement date of test:		2017-07-07		1	,	
Г	Completion dat	te of test:	2017-08-31	[]	·	· · · · · · · · · · · · · · · · · · ·	
	Condition of sample:		Acceptable			· · · · · · · · · · · · · · · · · · ·	
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification	;	Staphylococcus cohnii	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	,	
	,		ssp urealyticus			<u> </u>	1

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

Report number: M17/4573



			Sample		
	Laboratory number:		M17/4573/1.8		
Second Association	Sample type:		Culture plate		
TO367	Client sample reference:		277B		
	Commencement date of test:		2017-07-07		
	Completion date of test:		2017-08-31		
	Condition of	of sample:	Acceptable		
Test Method Used	Analysis	Units			
AMS-AML-303	Organism Identification		Micrococcus luteus		

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or <1 Cfu/g/ml This test report applies only to the samples tested.

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TEST REPORT

Report number: M17/4573



	Sample						
	Laboratory number:		M17/4573/1.9				
Second Acanac	Sa	mple type:	Culture plate				
	Client sample r	eference:	278A				
T0367	Commencement date of test:		2017-07-07				
	Completion date of test:		2017-08-31				
	Condition of sample:		Acceptable				
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Streptococcus				
			parasanguinis,Pseudomonas				
			putida				

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

Report number: M17/4573



			Sample	 	
	Laborator	y number:	M17/4573/1.10		
Canac	Sar	mple type:	Culture plate		
Sanas	Client sample r	eference:	279A		
TO367	Commencement date of test:		2017-07-07		
	Completion date of test:		2017-08-31		
	Condition of sample:		Acceptable		
Test Method Used	Analysis	Units			
AMS-AML-303	Organism Identification		Pseudomonas		
	/		fluorescens		

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NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or <1 Cfu/g/ml

This test report applies only to the samples tested.

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* Not SANAS Accredited tests and are not included in the SANAS Schedule of Accreditation for this laboratory

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2015-07-17

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E-mail: Jasomay.pillay@aspirata.co.za

Web address: www.aspirata.co.za

TEST REPORT

Report number: M17/4573



Sample						
	Laborator	ry number:	M17/4573/1.11			
Senac 4 canac	Sar	imple type:	Culture plate			
	Client sample r	eference:	279B			
TO367	Commencement da	Commencement date of test:				
ſ	Completion date of test:		2017-08-31			
	Condition of sample:		Acceptable			
Test Method Used	Analysis	Units				
AMS-AML-303	Organism Identification		Bacillus			
	1	1	cereus,Pseudomonas			
	1	1	fluorescens,Bacillus			
	I		megaterium			

Revision 13

Comment:

Approved signatory:

Philani Nkosi

Quality Microbiologist

Signature

Name in full

Designation

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

This test report applies only to the samples tested.

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TEST REPORT AMCL17/25640 Report number: M17/4575



CLIENT DETAILS:

Client reference / Order number:	1000643698 (Bag 9)	Report date: 2017-09-12
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-07-05
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-07-05
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	
E-mail address:	jnice@csir.co.za	

			Sample	Sample	Sample
sanas	Laboratory	number:	M17/4575/1.1	M17/4575/1.2	M17/4575/1.3
	San	nple type:	Culture plate	Culture plate	Culture plate
Nac-MRA Jalias	Client sample re	eference:	280A	280B	280C
TO367	Commencement dat	te of test:	2017-07-07	2017-07-07	2017-07-07
	Completion dat	te of test:	2017-08-31	2017-08-31	2017-08-31
	Condition o	f sample:	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units			
AMS-AML-303	Organism Identification		Streptococcus	Staphylococcus	Enterococus hirae;
			pneumoniae	cohnii ssp	Bacillus atrophaeus
				urealyticus	

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT AMCL17/25640 Report number: M17/4575



			Sample	Sample	Sample
	Laboratory	number:	M17/4575/1.4	M17/4575/1.5	M17/4575/1.6
Acanac	San	nple type:	Culture plate	Culture plate	Culture plate
Nac MEA + Sanas	Client sample re	eference:	280D	281A	281B
T0367	Commencement dat	te of test:	2017-07-07	2017-07-07	2017-07-07
	Completion dat	te of test:	2017-08-31	2017-08-31	2017-08-31
	Condition o	f sample:	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units			
AMS-AML-303	Organism Identification		Spot/Organism	Bacillus cereus	Lysinibacillus
			Failed	group	fusiformis

Revision 14

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT AMCL17/25640 Report number: M17/4575



			Sample	Sample	Sample
sanas	Laboratory	/ number:	M17/4575/1.7	M17/4575/1.8	M17/4575/1.9
	San	nple type:	Culture plate	Culture plate	Culture plate
	Client sample re	eference:	281C	282A	282B
TO367	Commencement dat	te of test:	2017-07-07	2017-07-07	2017-07-07
	Completion dat	te of test:	2017-08-31	2017-08-31	2017-08-31
	Condition o	f sample:	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis Units				
AMS-AML-303	Organism Identification		Lysinibacillus	Pseudomonas	Staphylococcus
			fusiformis;	fluorescens	aureus
			Brevundimonas		
			diminuta		

Revision 14

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT AMCL17/25640 Report number: M17/4575



			Sample	Sample	Sample
	Laboratory	/ number:	M17/4575/1.10	M17/4575/1.12	M17/4575/1.13
+sanas	San	nple type:	Culture plate	Culture plate	Culture plate
Nac-MRA Jalias	Client sample re	eference:	282C	283B	284A
TO367	Commencement dat	te of test:	2017-07-07	2017-07-07	2017-07-07
	Completion dat	te of test:	2017-08-31	2017-08-31	2017-08-31
	Condition of sample:		Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units			
AMS-AML-303	Organism Identification		Staphylococcus	Brevibacterium	Aerococcus viridans
			sciuri	luteolum	

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

This test report applies only to the samples tested.

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Revision 14

Aspirata Microbiological & Chemical Laboratory

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TEST REPORT AMCL17/25640 Report number: M17/4575



			Sample	Sample	
	Laboratory	number:	M17/4575/1.11	M17/4575/1.14	
Se Acanac	San	nple type:	Culture plate	Culture plate	
Hac MRA Jallas	Client sample re	eference:	283A	284B	
TO367	Commencement dat	e of test:	2017-07-07	2017-07-07	
	Completion dat	e of test:	2017-08-31	2017-08-31	
	Condition o	f sample:	Acceptable	Acceptable	
Test Method Used	Analysis	Units			
AMS-AML-303*	Organism Identification		Streptococcus	Bacillus cereus	
			vestibularis;	group	
			Streptococcus		
			salivarius ssp		
			salivarius;		
			Streptococcus		
			salivarius ssp		
			thermophilus;		
			Streptococcus		
			agalactiae		
	Confidence Value	%	33.3%; 33.3%;	85.8%	
			33.3%; 85.1%		

Comment:

S.aureus; Listeria spp and mono enumeration]

Approved signatory:	Philani Nkosi	Quality Microbiologist	ELABS-			
	Name in full	Designation	Signature			
NOTES:						
Cfu: Colony Forming Units		This test report applies only to the	samples tested.			
ND: Not Detected		This test report shall not be produced except in full, without the written approval of the Aspirata Microbiological & Chemical Laboratory.				
ND defined as <10Cfu/g/ml or		* Not SANAS Accredited tests and are not included in the SANAS Schedule of Accreditation for this laboratory				
<1 Cfu/g/ml		** Opinions and interpretations exp Accreditation	ressed herein are outside the scope of SANAS			
ND defined as <100 cfu/ml/g for these tests [B.cer	eus; P.aeruginosa; Campylobacter spp					

--End of Document--

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TEST REPORT

AMCL17/25640 Report number: M17/4576



CLIENT DETAILS:

Client reference / Order number:	1000643698 (Bag 10)	Report date: 2017-09-12
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-07-05
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-07-07
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	
E-mail address:	jnice@csir.co.za	

	4 sanas
Hac-MRA	Testing Laboratory
applator	T0367

E-mail address:	jnice@csir.co.za					_	
			Sample	Sample	Sample	Sample	Sample
	Laborato	ry number:	M17/4576/1.1	M17/4576/1.2	M17/4576/1.3	M17/4576/1.4	M17/4576/1.5
Serest S	Sa	imple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample	reference:	285A	285B	286A	286B	287A
TO367	Commencement d	ate of test:	2017-07-07	2017-07-07	2017-07-07	2017-07-07	2017-07-07
	Completion d	ate of test:	2017-08-31	2017-08-31	2017-08-31	2017-08-31	2017-08-31
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Spot/Organism Failed	Staphylococcus	Pseudomonas stutzeri	Staphylococcus cohnii	Bacillus cereus group
				haemolyticus		ssp cohnii	

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

This test report applies only to the samples tested.

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TEST REPORT

AMCL17/25640 Report number: M17/4576



Sample Sample Sample Sample Sample Laboratory number: M17/4576/1.6 M17/4576/1.7 M17/4576/1.8 M17/4576/1.9 M17/4576/1.10 Sample type: Culture plate Culture plate Culture plate Culture plate Culture plate Client sample reference: 287B 288A 289A 289B 290A Commencement date of test: 2017-07-07 2017-07-07 2017-07-07 2017-07-07 2017-07-07 Completion date of test: 2017-08-31 2017-08-31 2017-08-31 2017-08-31 2017-08-31 Condition of sample: Acceptable Acceptable Acceptable Acceptable Acceptable **Test Method Used** Analysis Units AMS-AML-303 Organism Identification Spot/Organism Failed Spot/Organism Failed Spot/Organism Failed Spot/Organism Failed Spot/Organism Failed ---

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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2017-09-06

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TEST REPORT

AMCL17/25640 Report number: M17/4576



			Sample	Sample	Sample	
	Laborato	ry number:	M17/4576/1.11	M17/4576/1.12	M17/4576/1.13	
Server 4	Sa	mple type:	Culture plate	Culture plate	Culture plate	
ACC-MICA (Sanas	Client sample	reference:	290B	290C	291B	
TO367	Commencement d	ate of test:	2017-07-07	2017-07-07	2017-07-07	
	Completion d	ate of test:	2017-08-31	2017-08-31	2017-08-31	
	Condition	of sample:	Acceptable	Acceptable	Acceptable	
Test Method Used	Analysis	Units				
AMS-AML-303	Organism Identification		Staphylococcus lentus	Spot/Organism Failed	Pseudomonas	
					fluorescens	

Comment: Approved signatory: Name in full Designation Signature

NOTES: Cfu: Colony Forming Units This test report applies only to the samples tested. ND: Not Detected This test report shall not be produced except in full, without the written approval of the Aspirata Microbiological & Chemical Laboratory. ND defined as <10Cfu/g/ml or * Not SANAS Accredited tests and are not included in the SANAS Schedule of Accreditation for this laboratory <1 Cfu/g/ml ** Opinions and interpretations expressed herein are outside the scope of SANAS Accreditation

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

Revision 14

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TEST REPORT

AMCL17/25640 Report number: M17/4577



CLIENT DETAILS:

Client reference / Order number:	100643698 (Bag 11)	Report date: 2017-09-12
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-07-05
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-07-07
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	
E-mail address:	jnice@csir.co.za	

	esanas
Control of the second	Testing Laboratory T0367

			Sample	Sample	Sample	Sample	Sample
	Laborato	ry number:	M17/4577/1.1	M17/4577/1.2	M17/4577/1.3	M17/4577/1.4	M17/4577/1.7
Acanac	Sa	Sample type:		Culture plate	Culture plate	Culture plate	Culture plate
Bac MRA Salido Tosso	Client sample	reference:	292A	292B	292C	293A	296A
TO367	Commencement d	ate of test:	2017-07-07	2017-07-07	2017-07-07	2017-07-07	2017-07-07
	Completion d	ate of test:	2017-08-31	2017-08-31	2017-08-31	2017-08-31	2017-08-31
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Spot/Organism failed	Spot/Organism failed	Spot/Organism failed	Lactococcus lactis	Staphylococcus
							epidermidis

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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Web address: www.aspirata.co.za

TEST REPORT

AMCL17/25640 Report number: M17/4577



Sample Sample Sample Sample Sample Laboratory number: M17/4577/1.8 M17/4577/1.9 M17/4577/1.10 M17/4577/1.11 M17/4577/1.12 Sample type: Culture plate Culture plate Culture plate Culture plate Culture plate Client sample reference: 296B 296C 296D 297A 297B Commencement date of test: 2017-07-07 2017-07-07 2017-07-07 2017-07-07 2017-07-07 Completion date of test: 2017-08-31 2017-08-31 2017-08-31 2017-08-31 2017-08-31 Condition of sample: Acceptable Acceptable Acceptable Acceptable Acceptable **Test Method Used** Analysis Units AMS-AML-303 Organism Identification Spot/Organism failed Bacillus Bacillus Spot/Organism failed Spot/Organism failed --altitudinis/pumilus altitudinis/pumilus

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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2017-09-06

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TEST REPORT

AMCL17/25640 Report number: M17/4577



			Sample			
	Laboratory	y number:	M17/4577/1.13			
sanas	Sar	mple type:	Culture plate	1		
TO367	Client sample re	eference:	297C			
TO367	Commencement də	Commencement date of test:		·		
	Completion da	Completion date of test:		·		
	Condition o	of sample:	Acceptable	·		
Test Method Used	Analysis	Units				
AMS-AML-303	Organism Identification		Spot/Organism failed			

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT

AMCL17/25640 Report number: M17/4577



	Sample						
	Laborator	y number:	M17/4577/1.5				
Canac	Sa	mple type:	Culture plate				
Sanas	Client sample	reference:	293B				
Togardian Togar	Commencement da	ate of test:	2017-07-07				
	Completion da	ate of test:	2017-08-31				
	Condition of sample:		Acceptable				
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Leclercia				
			adecarboxylata				
AMS-AML-303*	Organism Identification		34.6%; 31.9%; 33.4;				
	Confidence Value	%	Enterococcus				
			gallinarum;				
			Streptococcus				
			pneumoniae;				
			Clostridium difficile				

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT

AMCL17/25640 Report number: M17/4577



Sample Sample Laboratory number: M17/4577/1.6 M17/4577/1.14 Sample type: Culture plate Culture plate Client sample reference: 295A 297D Commencement date of test: 2017-07-07 2017-07-07 Completion date of test: 2017-08-31 2017-08-31 Condition of sample: Acceptable Acceptable **Test Method Used** Analysis Units AMS-AML-303* Organism Identification 49.2% 50.0%: 50.0% ---Confidence Value % Serratia marcescens Serratia liquefaciens; ---Serratia grimesii

Comment: Philani Nkosi Quality Microbiologist Approved signatory: _____ Name in full

Designation

Signature

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT

AMCL17/25640 Report number: M17/4578



CLIENT DETAILS:

Client reference / Order number:	1000643698 (Bag 12)	Report date: 2017-09-12
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-07-05
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-07-07
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	
E-mail address:	jnice@csir.co.za	

	e sanas
Hacimera	Testing Laboratory
Mahahalala	T0367

			Sample	Sample	Sample	Sample	Sample
	Laboratory number:		M17/4578/1.1	M17/4578/1.2	M17/4578/1.3	M17/4578/1.4	M17/4578/1.5
Canac	Sample type:		Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
TO367	Client sample reference:		298A	298B	298C	299A	299B
	Commencement date of test:		2017-07-07	2017-07-07	2017-07-07	2017-07-07	2017-07-07
	Completion date of test:		2017-08-31	2017-08-31	2017-08-31	2017-08-31	2017-08-31
	Condition of sample:		Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Pseudomonas putida	Pseudomonas stutzeri	Pseudomonas stutzeri	Spot /organism failed	Bacillus cereus group

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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Web address: www.aspirata.co.za

TEST REPORT

AMCL17/25640 Report number: M17/4578



			Sample		
10000	Laborator	Laboratory number:			
Serest S	Sar	mple type:	Culture plate		
BC-MRA Salido Herteg Laboratory T0367	Client sample reference:		299C		
T0367	Commencement date of test:		2017-07-07		
	Completion date of test:		2017-08-31		
	Condition o	of sample:	Acceptable		
Test Method Used	Analysis	Units			
AMS-AML-303	Organism Identification		Enterococcus faecium		
					•

Comment:			Acto
Approved signatory:	Philani Nkosi	Quality Microbiologist	CLAD9
	Name in full	Designation	Signature

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

ND defined as <100 cfu/ml/g for these tests [B.cereus; P.aeruginosa; Campylobacter spp; S.aureus; Listeria spp and mono enumeration]

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TEST REPORT

AMCL17/25640 Report number: M17/4579



CLIENT DETAILS:

Client reference / Order number:	05/07/17 (Bag 13)	Report date: 2017-09-04
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-07-05
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-07-05
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	
E-mail address:	jnice@csir.co.za	

	esanas
Catalanta A	Testing Laboratory T0367

			Sample	Sample	Sample	Sample	Sample
	Laborato	ry number:	M17/4579/1.1	M17/4579/1.2	M17/4579/1.3	M17/4579/1.4	M17/4579/1.5
Senac 4 canac	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample reference:		237A	237B	27 A	25 A	29 A
TO367	Commencement date of test:		2017-07-05	2017-07-05	2017-07-05	2017-07-05	2017-07-05
	Completion date of test:		2017-08-31	2017-08-31	2017-08-31	2017-08-31	2017-08-31
	Condition of sample:		Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Pseudomonas putida	Pseudomonas	Staphylococcus	Pseudomonas	Pseudomonas
				fluorescens	epidermidis	fluorescens	fluorescens

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or <1 Cfu/g/ml

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TEST REPORT

AMCL17/25640 Report number: M17/4579



Sample Sample Sample Sample Sample Laboratory number: M17/4579/1.6 M17/4579/1.7 M17/4579/1.8 M17/4579/1.9 M17/4579/1.10 Sample type: Culture plate Culture plate Culture plate Culture plate Culture plate Client sample reference: 230A 230B 233A 233B 294A Commencement date of test: 2017-07-05 2017-07-05 2017-07-05 2017-07-05 2017-07-05 2017-08-31 2017-08-31 2017-08-31 Completion date of test: 2017-08-31 2017-08-31 Condition of sample: Acceptable Acceptable Acceptable Acceptable Acceptable **Test Method Used** Analysis Units AMS-AML-303 Organism Identification Delftia acidovorans Pantoea agglomerans Pseudomonas Pseudomonas putida ; Psedomonas putida --fluorescens Staphilococcus capitis

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/25640 Report number: M17/4579



			Sample	Sample		
	Laborato	ry number:	M17/4579/1.11	M17/4579/1.12		
Senac 4	Sa	ample type:	Culture plate	Culture plate		
	Client sample reference:		296A	235A		
TO367	Commencement date of test:		2017-07-05	2017-07-05		
	Completion date of test:		2017-08-31	2017-08-31		
	Condition of sample:		Acceptable	Acceptable		
Test Method Used	Analysis	Units				
AMS-AML-303	Organism Identification		Pseudomonas	Pseudomonas		
	<u>. </u>		fluorescens	fluorescens		

Comment: **Quality Microbiologist** Approved signatory: Philani Nkosi _____

Name in full

Designation

Signature

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or <1 Cfu/g/ml This test report applies only to the samples tested.

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TEST REPORT

AMCL17/24690 Report number: M17/1177



CLIENT DETAILS:

Client reference / Order number:	1000624089	Report date: 2017-04-06
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-02-20
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-02-20
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	
E-mail address:	jnice@csir.co.za	

			Sample	Sample	Sample	Sample	Sample
	Laborator	y number:	M17/1177/1.1	M17/1177/1.2	M17/1177/1.3	M17/1177/1.4	M17/1177/1.5
A sanac	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
TO367	Client sample reference:		1A	1B	2A	2B	2C
	Commencement date of test:		2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Paenibacillus	Bacillus	Kocuria rhizophila	Failed/ Spot Red	Pseudomonas stutzeri
			glucanolyticus 99.9%	altitudinis/pumilus	99.9%		99.9%
				99.9%			

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or <1 Cfu/g/ml This test report applies only to the samples tested.

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
	Laborator	y number:	M17/1177/1.6	M17/1177/1.7	M17/1177/1.8	M17/1177/1.9	M17/1177/1.10
+sanas	Sar	nple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
Bacine Salias	Client sample r	eference:	2D	3A	3B	4A	4B
T0367	Commencement da	te of test:	2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition of	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Micrococcus luteus	Bacillus cereus group	Achromobacter	Bacillus simplex	Bacillus subtilis 33.3%
			99.9%	99.9%	xylosoxidans 50.0	99.9%	

Revision 12

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

This test report applies only to the samples tested.

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
	Laborator	y number:	M17/1177/1.11	M17/1177/1.12	M17/1177/1.13	M17/1177/1.14	M17/1177/1.15
F sanas	Sai	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample r	reference:	4C	4D	5A	5B	5C
T0367	Commencement da	ate of test:	2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Cariobacterium	Bacillus licheniformis	Pseudomonas	Brevundimonas	Clostrium butyricum
			hominis 99.9%	99.9%	fluorescens 99.6%	diminuta 99.9%	99.9%

Revision 12

NOTES:

<1 Cfu/g/ml

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or This test report applies only to the samples tested.

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
Rac-MICA (Sanas Justing Laborator T0367	Laborator	y number:	M17/1177/1.16	M17/1177/1.17	M17/1177/1.18	M17/1177/1.19	M17/1177/1.20
	Sar	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample r	eference:	6A	7A	7B	7C	8A
	Commencement da	te of test:	2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition of	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Bacillus cereus group	Cardiobacterium	Bacillus simplex	Staphylococcus	Staphylococcus sciuri
			99.9%	hominis 99.9%	99.9%	capitis 99.9%	99.9%

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
	Laborator	y number:	M17/1177/1.21	M17/1177/1.22	M17/1177/1.23	M17/1177/1.24	M17/1177/1.25
Acanac	Sar	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
Sanas rening Laboratory T0367	Client sample r	eference:	8B	8C	8D	9A	9B
	Commencement da	te of test:	2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition of	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Bacillus licheniformis	Pseudomonas stutzeri	Failed/ Spot Red	Pseudomonas stutzeri	Pseudomonas
			99.9%	99.8%		99.9%	fluorescens 99.6%

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
Acanac	Laborator	y number:	M17/1177/1.26	M17/1177/1.27	M17/1177/1.28	M17/1177/1.29	M17/1177/1.30
	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample	reference:	9C	9D	10A	10B	10C
TO367	Commencement da	ate of test:	2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Cryptococcus	Micrococcus luteus	Lysinibacillus	Bacillus subtilis 33.3%	Pseudomonas stutzeri
			uniguttulatus (Fungi)	99.9%	sphaericus 50.0%		99.9%
			99.9%				

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
Second	Laborato	ry number:	M17/1177/1.31	M17/1177/1.32	M17/1177/1.33	M17/1177/1.34	M17/1177/1.35
	Sa	imple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample	reference:	10D	11A	11B	11C	12A
TO367	T0367 Commencement da		2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion d	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Bacillus	Psychrobacter	Psychrobacter	Candida dubliniensis	Achromobacter
			sporothermodurans	phenylpyruvicus	phenylpyruvicus	99.9%;Pseudomonas	xylosoxidans 50.0%
			99.9%	99.9%	99.9%	stutzeri 99.9%	

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
Sanas Internet Control Toger	Laborator	y number:	M17/1177/1.36	M17/1177/1.37	M17/1177/1.38	M17/1177/1.39	M17/1177/1.40
	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample r	reference:	12B	13A	13B	13C	14A
	Commencement da	Commencement date of test:		2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Pseudomonas	Bacillus cereus group	Achromobacter	Bordetella trematum	Providencia rettgeri
			flourescens 99.7%	99.9%	denitricans 50.0%	99.9%	99.9%

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or <1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
Sanas refig Laboratory T0367	Laborator	y number:	M17/1177/1.41	M17/1177/1.42	M17/1177/1.43	M17/1177/1.44	M17/1177/1.45
	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample r	reference:	15A	16A	16B	17A	18A
	Commencement da	Commencement date of test:		2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Proteus penneri	Proteus penneri	Pantoea agglomerans	Providencia rettgeri	Pseudomonas
			50.0%	50.0%	99.9%	99.9%	fluorescens 99.9%

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
Canac	Laborator	y number:	M17/1177/1.46	M17/1177/1.47	M17/1177/1.48	M17/1177/1.49	M17/1177/1.50
	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
Nac-MRA Sanas	Client sample	eference:	19A	19B	19C	19D	19E
TO367	Commencement da	te of test:	2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Psychrobacter	Kocuria rosea 99.9%	Pseudomonas	Proteus penneri	Kocuria rosea 38.8%
			phenylpyruvicus		fluorescens 99.9%	50.0%	
			99.9%				

Revision 12

NOTES:

Cfu: Colony Forming Units

ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
Sanas Internet Laboratory T0367	Laborator	y number:	M17/1177/1.51	M17/1177/1.52	M17/1177/1.53	M17/1177/1.54	M17/1177/1.55
	Sai	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample r	reference:	20A	20B	20C	20D	20E
	Commencement da	ate of test:	2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Proteus vulgaris	Proteus vulgaris	Failed/ Spot Red	Staphylococcus	Failed/ Spot Red
			50.0%	50.0%		haemolyticus 99.9%	

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
	Laborator	y number:	M17/1177/1.56	M17/1177/1.57	M17/1177/1.58	M17/1177/1.59	M17/1177/1.60
Serest S	Sar	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
RECEIMERA Estimation to a final statement of the stateme	Client sample r	eference:	21A	21B	22A	22B	22C
	Commencement da	te of test:	2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition of	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Failed/ Spot Red	Bacillus cereus group	Acinetobacter lwoffi	Providencia rettgeri	Enterobacter ludwigii
				99.9%	99.2%	99.9%	99.8%

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
sanas	Laborator	y number:	M17/1177/1.61	M17/1177/1.62	M17/1177/1.63	M17/1177/1.64	M17/1177/1.65
	Sai	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample r	eference:	23A	23B	23C	23D	23E
TO367	Commencement da	te of test:	2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition of	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Psychrobacter	Pseudomonas stutzeri	Acinetobacter Iwoffi	Psychrobacter	Aspergillus terreus
			phenylpyruvicus	99.9%	99.9%	phenylpyruvicus	complex 66.7%;
			99.9%			99.9%	Pseudomonas
							chlororaphis 99.9%

NOTES:

Cfu: Colony Forming Units

ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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			Sample	Sample	Sample	Sample	Sample
500000	Laboratory number:		M17/1177/1.66	M17/1177/1.67	M17/1177/1.68	M17/1177/1.69	M17/1177/1.70
Canac	Sar	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample r	eference:	24A	30A	31A	32A	32B
TO367	Commencement da	ite of test:	2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition of	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Myroides spp 99.9%	Myroides spp 33.6%	Proteus vulgaris	Achromobacter	Proteus penneri
					50.0%; Proteus	xylosoxidans 50.0%	50.0%
					penneri 50.0%;		
					Providencia rettgeri		
					99.9%		

NOTES:

Cfu: Colony Forming Units

ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
	Laborator	y number:	M17/1177/1.71	M17/1177/1.72	M17/1177/1.73	M17/1177/1.74	M17/1177/1.75
fsanas	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample reference:		32C	32D	32E	33A	33B
TO367	Commencement date of test:		2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Proteus vulgaris	Providencia rettgeri	Proteus penneri	Failed/ Spot Red	Acinetobacter Iwoffiii
			50.0%	33.3%	50.0%		97.3%

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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			Sample	Sample	Sample	Sample	Sample
	Laborator	Laboratory number:		M17/1177/1.77	M17/1177/1.78	M17/1177/1.79	M17/1177/1.80
Serest S	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample reference:		33C	34A	34B	34C	34D
TO367	Commencement date of test:		2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Pseudomonas stutzeri	Brevundimonas	Pseudomonas stutzeri	Bacillus cereus group	Failed/ Spot Red
			99.9%; Bacillus	diminuta 99.9%	50.0%	99.9%	
			cereus group 98.8%				

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
37.3476	Laborator	y number:	M17/1177/1.81	M17/1177/1.82	M17/1177/1.83	M17/1177/1.84	M17/1177/1.85
A sanac	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample r	eference:	35A	36A	36B	36C	36D
TO367	Commencement da	Commencement date of test:		2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Failed/ Spot Red	Psychrobacter	Acinetobacter	Failed/ Spot Red	Bacillus
				phenylpyruvicus	radioresistens 99.9%;		altitudinis/pumilus
				50.0%	Bacillus		99.9%
					altitudinis/pumilus		
					99.9%		

NOTES:

Cfu: Colony Forming Units

ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
0.0024190	Laborator	y number:	M17/1177/1.86	M17/1177/1.87	M17/1177/1.88	M17/1177/1.89	M17/1177/1.90
+sanas	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
Bac-MRA Instructional Instructional Instruct	Client sample reference:		37A	37B	37C	38A	38B
Togar	Commencement date of test:		2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Failed/ Spot Red	Cellulosimicrobium	Acinetobacter Iwoffii	Pseudomonas stutzeri	Brevundimonas
				cellulans 99.9%	99.9%	99.9%	diminuta 99.9%

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
	Laborator	y number:	M17/1177/1.91	M17/1177/1.92	M17/1177/1.93	M17/1177/1.94	M17/1177/1.95
Acanac	Sar	nple type:	Culture plate				
Nac-MRA Salias	Client sample r	eference:	38C	38D	38E	39A	39B
TO367	Commencement date of test:		2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition of	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Acinetobacter Iwoffii	Bacillus cerues group	Achromobacter	Acinetobacter Iwoffii	Acinetobacter Iwoffii
			99.9%	99.9%	denitrificans 50.0%;	88.0%	99.9%
					Bacillus cerues group		
					99.9%		

NOTES:

Cfu: Colony Forming Units

ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



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			Sample	Sample	Sample	Sample	Sample
	Laborato	ry number:	M17/1177/1.96	M17/1177/1.97	M17/1177/1.98	M17/1177/1.99	M17/1177/1.100
Serest S	Sa	imple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
Nac-MEA Sanas	Client sample	Client sample reference:		40A	40B	41A	41B
T0367	Commencement date of test:		2017-02-21	2017-02-21	2017-02-21	2017-02-21	2017-02-21
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	2017-03-24
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Acinetobacter	Failed/ Spot Red	Rhodococcus	Psychrobacter	Eubacterium limosum
			lwoffii99.9%		erythropolis 99.9%	phenylpyruvicus	99.9%
						99.9%	

NOTES:

Cfu: Colony Forming Units ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

AMCL17/24690 Report number: M17/1177



			Sample	Sample	Sample	Sample	
	Laborator	y number:	M17/1177/1.101	M17/1177/1.102	M17/1177/1.103	M17/1177/1.104	
sanas	Sa	nple type:	Culture plate	Culture plate	Culture plate	Culture plate	
Hac MEA Toget	Client sample r	eference:	42A	42B	42C	42D	
TO367	Commencement date of test:		2017-02-21	2017-02-21	2017-02-21	2017-02-21	
	Completion date of test:		2017-03-24	2017-03-24	2017-03-24	2017-03-24	
	Condition of sample:		Acceptable	Acceptable	Acceptable	Acceptable	
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Pseudomonas	Bacillus cereus group	Pseudpmonas	Escherichia coli	
			chlororaphis 50.0%	99.9%	fluorescens 99.9%	99.9%	

Revision 12

Comment:

Approved signatory:

Philani Nkosi

Quality Microbiologist

Name in full

Note: Cultures that failed identification are reported as failed as agreed with the client.

Designation

Signature

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/q/ml or <1 Cfu/g/ml

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TEST REPORT

Report number: M17/1320



CLIENT DETAILS:

Client reference / Order number:	1000624089	Report date: 2017-04-06
Client name:	CSIR (Built Enviroment)	Sampling date: 2017-02-27
Address:	P.O Box 395 Pretoria 0001	Date samples recieved: 2017-02-27
Fax number:		
Telephone number:	012 841 2078 / 012 841 3593	
E-mail address:	jnice@csir.co.za	_

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			Sample	Sample	Sample	Sample	Sample
	Laborator	y number:	M17/1320/1.1	M17/1320/1.2	M17/1320/1.3	M17/1320/1.4	M17/1320/1.5
Canac	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
Bac MRA Sallas	Client sample reference:		43A	43B	44A	44B	45A
TO367	Commencement date of test:		2017-02-28	2017-02-28	2017-02-28	2017-02-28	2017-02-28
	Completion date of test:		2017-03-28	2017-03-28	2017-03-28	2017-03-28	2017-03-28
	Condition of sample:		Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Proteus penneri	Proteus vulgaris	Providencia rettgeri	Proteus penneri	Bacillus cereus group
			50.0%	50.0%	99.9%	50.0%	62.5%

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or <1 Cfu/g/ml This test report applies only to the samples tested.

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TEST REPORT

Report number: M17/1320



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			Sample	Sample	Sample	Sample	Sample
	Laborator	y number:	M17/1320/1.6	M17/1320/1.7	M17/1320/1.8	M17/1320/1.9	M17/1320/1.10
sanas	Sample type:		Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample reference:		45B	46A	46B	46C	47A
TO367	Commencement date of test:		2017-02-28	2017-02-28	2017-02-28	2017-02-28	2017-02-28
	Completion date of test:		2017-03-28	2017-03-28	2017-03-28	2017-03-28	2017-03-28
	Condition of sample:		Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Myroides sp 99.9%	Acinetobacter Iwoffii	Bacillus subtilis 33.3%	Acinetobacter lwoffii	Myroides sp 99.9%
				99.9%		99.9%	

NOTES:

Cfu: Colony Forming Units

ND: Not Detected

ND defined as <10Cfu/g/ml or <1 Cfu/g/ml This test report applies only to the samples tested.

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TEST REPORT

Report number: M17/1320



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				Sample	Sample	Sample	Sample	Sample
		Laborator	Laboratory number:		M17/1320/1.12	M17/1320/1.13	M17/1320/1.14	M17/1320/1.15
J.	Seconac	Sample type:		Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Rac-MRA (Sanas	Client sample reference:		47B	48A	48B	49A	50A
	TO367	Commencement date of test:		2017-02-28	2017-02-28	2017-02-28	2017-02-28	2017-02-28
		Completion date of test:		2017-03-28	2017-03-28	2017-03-28	2017-03-28	2017-03-28
_		Condition of sample:		Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used		Analysis	Units					
ľ	AMS-AML-303	Organism Identification		Alcaligenes faecalis	Myroides sp 99.9%	Alcaligenes faecalis	Bacillus cereus group	Proteus vulgaris
				ssp faecalis 99.9%		ssp faecalis 99.9%	99.9%	50.0%

Revision 12

NOTES:

<1 Cfu/g/ml

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or This test report applies only to the samples tested.

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TEST REPORT

Report number: M17/1320



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			Sample	Sample	Sample	Sample	Sample
	Laboratory number:		M17/1320/1.16	M17/1320/1.17	M17/1320/1.18	M17/1320/1.19	M17/1320/1.20
Sanas	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample i	reference:	50B	50C	51A	52A	52B
T0367	Commencement da	ate of test:	2017-02-28	2017-02-28	2017-02-28	2017-02-28	2017-02-28
	Completion date of test:		2017-03-28	2017-03-28	2017-03-28	2017-03-28	2017-03-28
	Condition	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Alcaligenes faecalis	Alcaligenes faecalis	Proteus vulgaris	Proteus penneri	Proteus vulgaris
			ssp faecalis 99.9%	ssp faecalis 33.3%;	50.0%	50.0%	50.0%
				Proteus vulgaris			
				50.0%			

Revision 12

NOTES:

Cfu: Colony Forming Units

ND: Not Detected

ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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AMS-AML-303

Aspirata Microbiological & Chemical Laboratory

Organism Identification

Unit 2, Berkley Office Park, 8 Bauhinia Street, Highveld Technopark, CENTURION PO Box 905, PRETORIA, 0001 Tel: +27 12 685 0800 Fax: +27 12 685 0899

TEST REPORT

Report number: M17/1320

Pseudomonas

viridiflava 99.9%

Myroides spp 99.9%

Pseudomonas

fluorescens 99.6%



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Pseudomonas

fluorescens 99.9%

			Sample	Sample	Sample	Sample	Sample
🧼 🕼 keanac	Laboratory number:	M17/1320/1.21	M17/1320/1.22	M17/1320/1.23	M17/1320/1.24	M17/1320/1.25	
	Sample type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate	
	TO357	Client sample reference:	53A	53B	53C	54A	54B
	TO367	Commencement date of test:	2017-02-28	2017-02-28	2017-02-28	2017-02-28	2017-02-28
		Completion date of test:	2017-03-28	2017-03-28	2017-03-28	2017-03-28	2017-03-28
		Condition of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Test Method Used	Analysis Units					

Proteus penneri

33.30%

Revision 12

NOTES:

Cfu: Colony Forming Units ND: Not Detected ND defined as <10Cfu/g/ml or

<1 Cfu/g/ml

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TEST REPORT

Report number: M17/1320



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			Sample	Sample	Sample	Sample	Sample
	Laborator	y number:	M17/1320/1.26	M17/1320/1.27	M17/1320/1.28	M17/1320/1.29	M17/1320/1.30
A sanac	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
Bacemina International International Interna	Client sample reference:		54C	55A	55B	55C	56A
TO367	Commencement date of test:		2017-02-28	2017-02-28	2017-02-28	2017-02-28	2017-02-28
	Completion date of test:		2017-03-28	2017-03-28	2017-03-28	2017-03-28	2017-03-28
	Condition of sample		Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	AMS-AML-303 Organism Identification		Pseudomonas	Bacilus cereus group	Pseudomonas stutzeri	Nocardia	Pseudomonas stutzeri
			fluorescens 99.9%	99.9%	99.9%	cyriacigeorgica 72.2%	99.9%

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TEST REPORT

Report number: M17/1320



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			Sample	Sample	Sample	Sample	Sample
	Laborator	Laboratory number:		M17/1320/1.32	M17/1320/1.33	M17/1320/1.34	M17/1320/1.35
Fsanas	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
TO367	Client sample reference:		56B	56C	57A	57B	57C
TO367	Commencement date of test:		2017-02-28	2017-02-28	2017-02-28	2017-02-28	2017-02-28
	Completion date of test:		2017-03-28	2017-03-28	2017-03-28	2017-03-28	2017-03-28
	Condition of sample:		Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Kytococcus	Micrococcus luteus	Myroides spp99.9%	Myroides spp99.9%	Providencia rettgeri
			sedentarius 99.9%	99.9%			99.9%

Revision 12

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<1 Cfu/g/ml

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TEST REPORT

Report number: M17/1320



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			Sample	Sample	Sample	Sample	Sample
	Laborator	y number:	M17/1320/1.36	M17/1320/1.37	M17/1320/1.38	M17/1320/1.39	M17/1320/1.40
Seconac	Sa	mple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample i	reference:	58A	59A	60A	60B	61A
TO367	Commencement date of		2017-02-28	2017-02-28	2017-02-28	2017-02-28	2017-02-28
	Completion date of test:		2017-03-28	2017-03-28	2017-03-28	2017-03-28	2017-03-28
	Condition of sample:		Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Alcaligenes faecalis	Alcaligenes faecalis	Proteus vulgaris	Proteus vulgaris	Bacillus
			ssp faecalis 99.9%	ssp faecalis 99.9%	50.0%	50.0%	altitudinis/pumilus
							99.9%

NOTES:

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TEST REPORT

Report number: M17/1320



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			Sample	Sample	Sample	Sample	Sample
sanas	Laborator	Laboratory number:		M17/1320/1.42	M17/1320/1.43	M17/1320/1.44	M17/1320/1.45
	Sar	nple type:	Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample r	eference:	61B	61C	61D	64A	64B
TO367	T0367 Commencement date		2017-02-28	2017-02-28	2017-02-28	2017-02-28	2017-02-28
	Completion date of test:		2017-03-28	2017-03-28	2017-03-28	2017-03-28	2017-03-28
	Condition of	of sample:	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Acinetobacter Iwoffii	Bacillus subtilis 33.3%	Bacillus cereus group	Pseudomonas	Pseudomonas
			99.9%		99.8%	fluorescens 99.9%	fluorescens
							99.9%;Bacillus cereus
							group 99.9%

Revision 12

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TEST REPORT

Report number: M17/1320



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			Sample	Sample	Sample	Sample	
	Laborator	y number:	M17/1320/1.46	M17/1320/1.47	M17/1320/1.48	M17/1320/1.49	
Serest S	Sample type:		Culture plate	Culture plate	Culture plate	Culture plate	
Hac-MRA Sanas	Client sample r	eference:	64C	66A	66B	67A	
TO367	Commencement date of test:		2017-02-28	2017-02-28	2017-02-28	2017-02-28	
	Completion date of test:		2017-03-28	2017-03-28	2017-03-28	2017-03-28	
	Condition of	Condition of sample:		Acceptable	Acceptable	Acceptable	
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Pseudomonas putida	Xanthomonas	Pseudomonas	Pseudomonas	
			99.9%	axonopodis/Campestris/vasicola	fluorescens 99.9%	viridiflava 99.9%	
				99.9%			

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TEST REPORT

Report number: M17/1320



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			Sample	Sample	Sample	Sample	Sample
FSANAS TOSET	Laboratory number:		M17/1320/1.50	M17/1320/1.51	M17/1320/1.52	M17/1320/1.53	M17/1320/1.54
	Sample type:		Culture plate	Culture plate	Culture plate	Culture plate	Culture plate
	Client sample reference:		68A	68B	68C	69A	70A
	Commencement date of test:		2017-02-28	2017-02-28	2017-02-28	2017-02-28	2017-02-28
	Completion date of test:		2017-03-28	2017-03-28	2017-03-28	2017-03-28	2017-03-28
	Condition of sample:		Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Test Method Used	Analysis	Units					
AMS-AML-303	Organism Identification		Pseudomonas	Bacillus circulans	Pseudomonas	Ralstonia insidiosa	Pseudomonas stutzeri
			fluorescens 99.9%	99.9%	fluorescens 99.9%	99.9%	99.9 %

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TEST REPORT

Report number: M17/1320



Sample Sample Laboratory number M17/1320/1.55 M17/1320/1.56 Sample type: Culture plate Culture plate Client sample reference: 70B BLANK Commencement date of test: 2017-02-28 2017-02-28 2017-03-28 2017-03-28 Completion date of test Condition of sample: Acceptable Acceptable **Test Method Used** Analysis Units AMS-AML-303 Organism Identification Pseudomonas stutzeri Ralstonia insidiosa ----99.9% 99.9%

Comment: Approved signatory: Philani Nkosi Quality Microbiologist

Name in full

Designation

Signature

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