Figure S1: Flow chart of the methodological strategy (Modified PRISMA 2009 Flow Diagram)

Identification
- Records identified through database searching (n = 2074)
- Additional records identified through other sources (319)

Records after duplicates removed (n=435)

Screening
- Records screened (n= 235)
- Record excluded (n= 96)

Eligibility
- Full text article accessed for eligibility (n= 139)
- Full text articles excluded with reasons (n= 80)

Included
- Studies included in qualitative and quantitative analytical synthesis (n=59)

Analysis
- Antimicrobial resistance studies (n=42)
- Antimicrobial residue studies (n= 16)
- Surface disinfectants and antiseptics (n= 1)

68 antimicrobials tested for 17 bacterial to give 1139 antimicrobial report findings