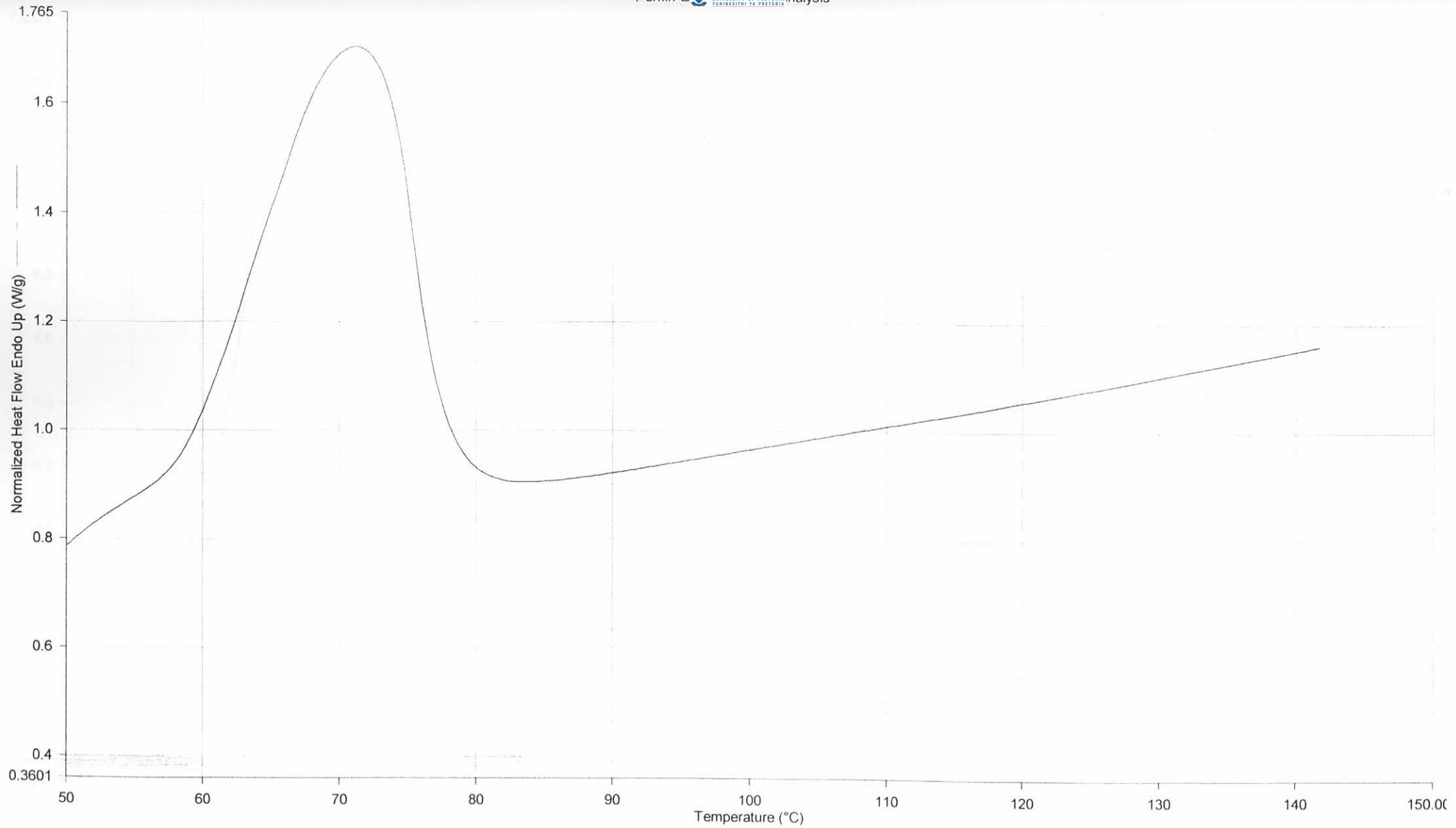


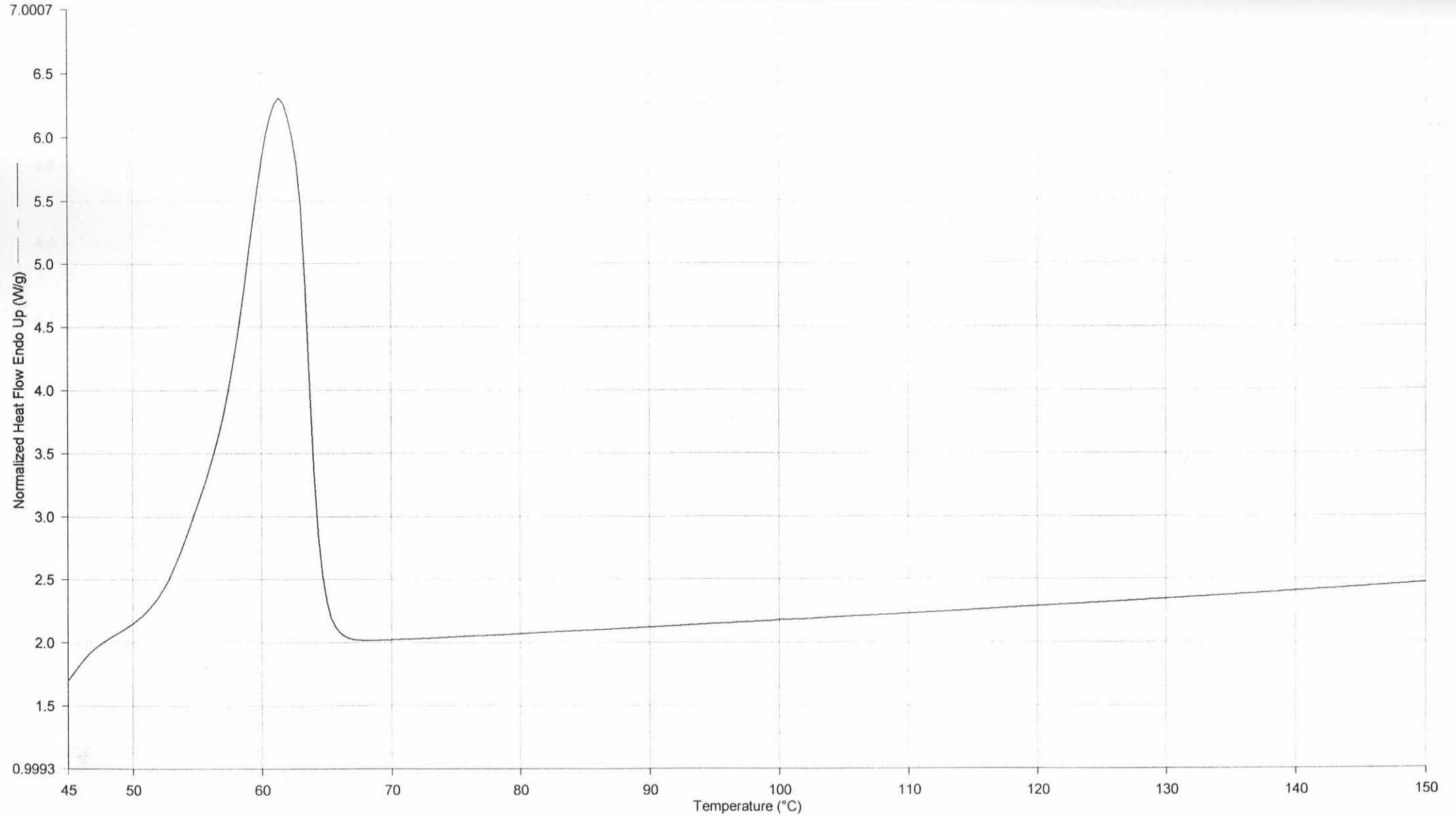
APPENDIX A

DSC spectra for reagents and additives synthesised

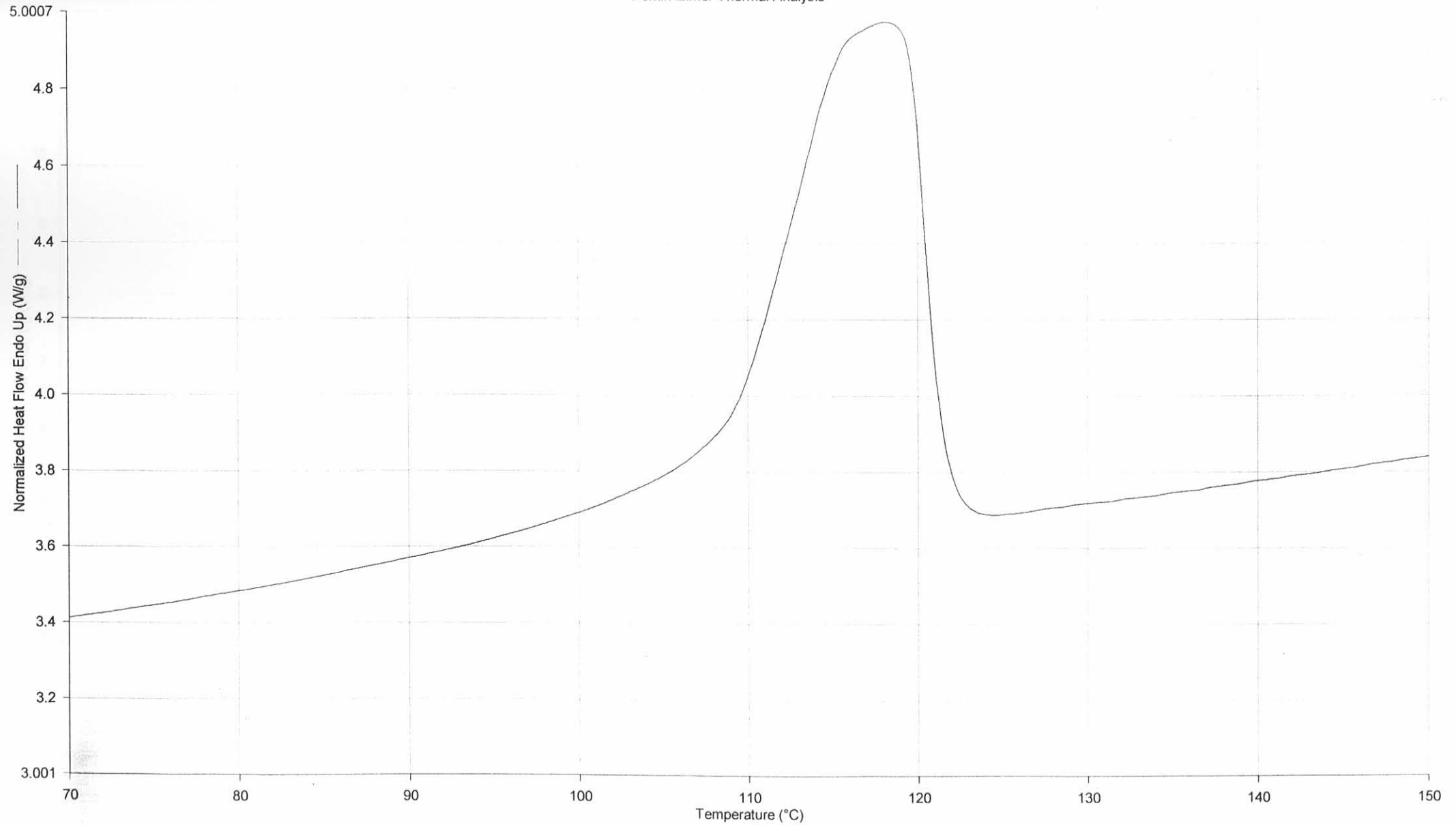
Figure	Reagents and additive
A1	Melting scan for polycaprolactone (Tone 767 ex Union Carbide)
A2	Melting scan for stearic acid (Aldrich)
A3	Melting scan for polybutylene succinate (grade Bionolle#1001)
A4	Melting scan for TAA-OL (Creanova)
A5	Melting scan for N-HE-TAA-OL (Creanova)
A6	Melting scan for N-METYL-TAA-OL (Creanova)
A7	Melting scan for Imino-bis ethanol (Creanova)
A8	Melting scan for TOTOL
A9	Melting scan for STETA
A10	Melting scan for STEMA
A11	Melting scan for STEDIOL
A12	Melting scan for BUTA
A13	Melting scan for BUTOL
A14	Melting scan for BUMA
A15	Melting scan for BUDIOL
A16	Melting scan for OTMQ



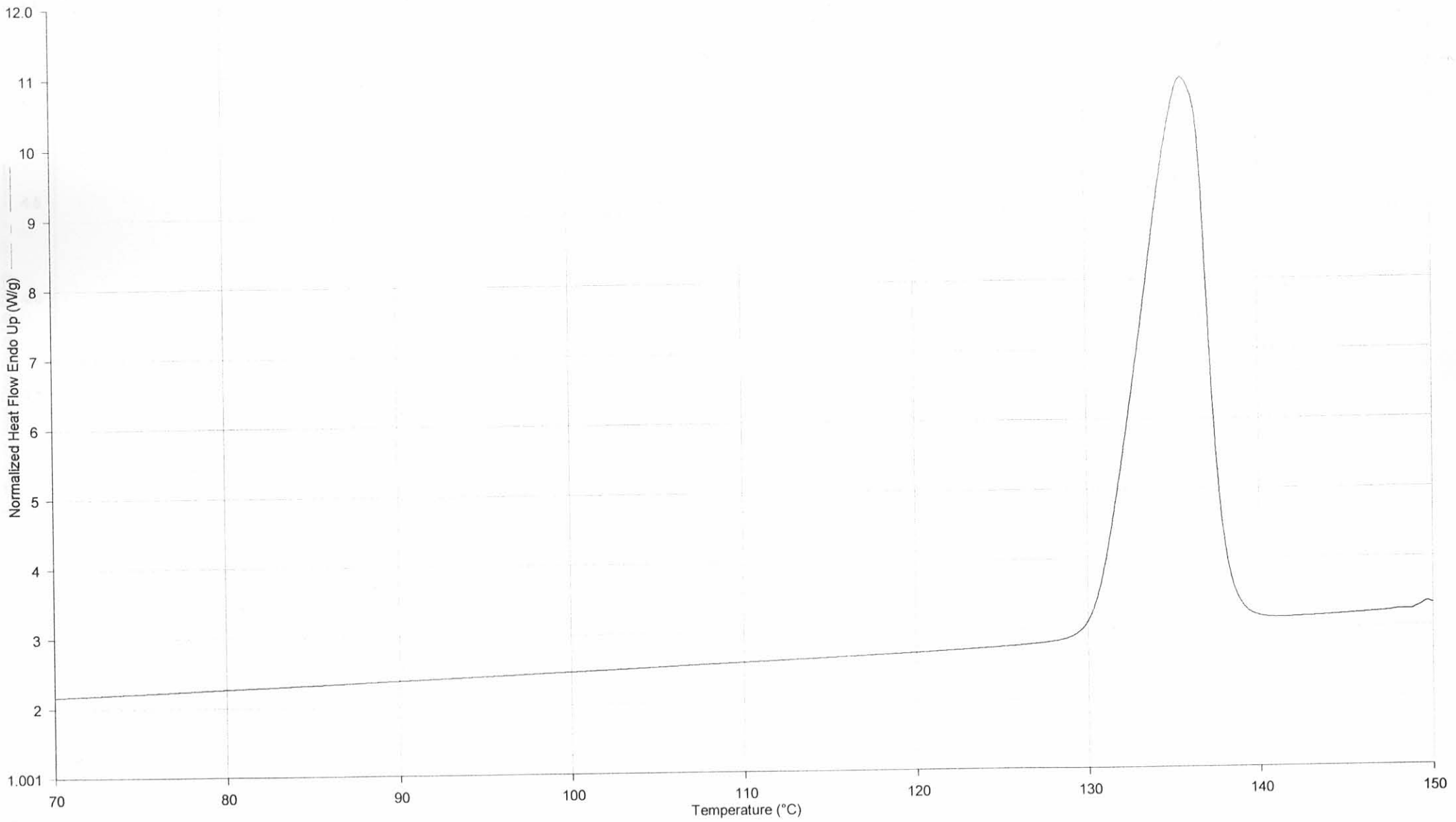
Perkin-Elmer Thermal Analysis



Perkin-Elmer Thermal Analysis



Perkin-Elmer Thermal Analysis



Perkin-Elmer Thermal Analysis

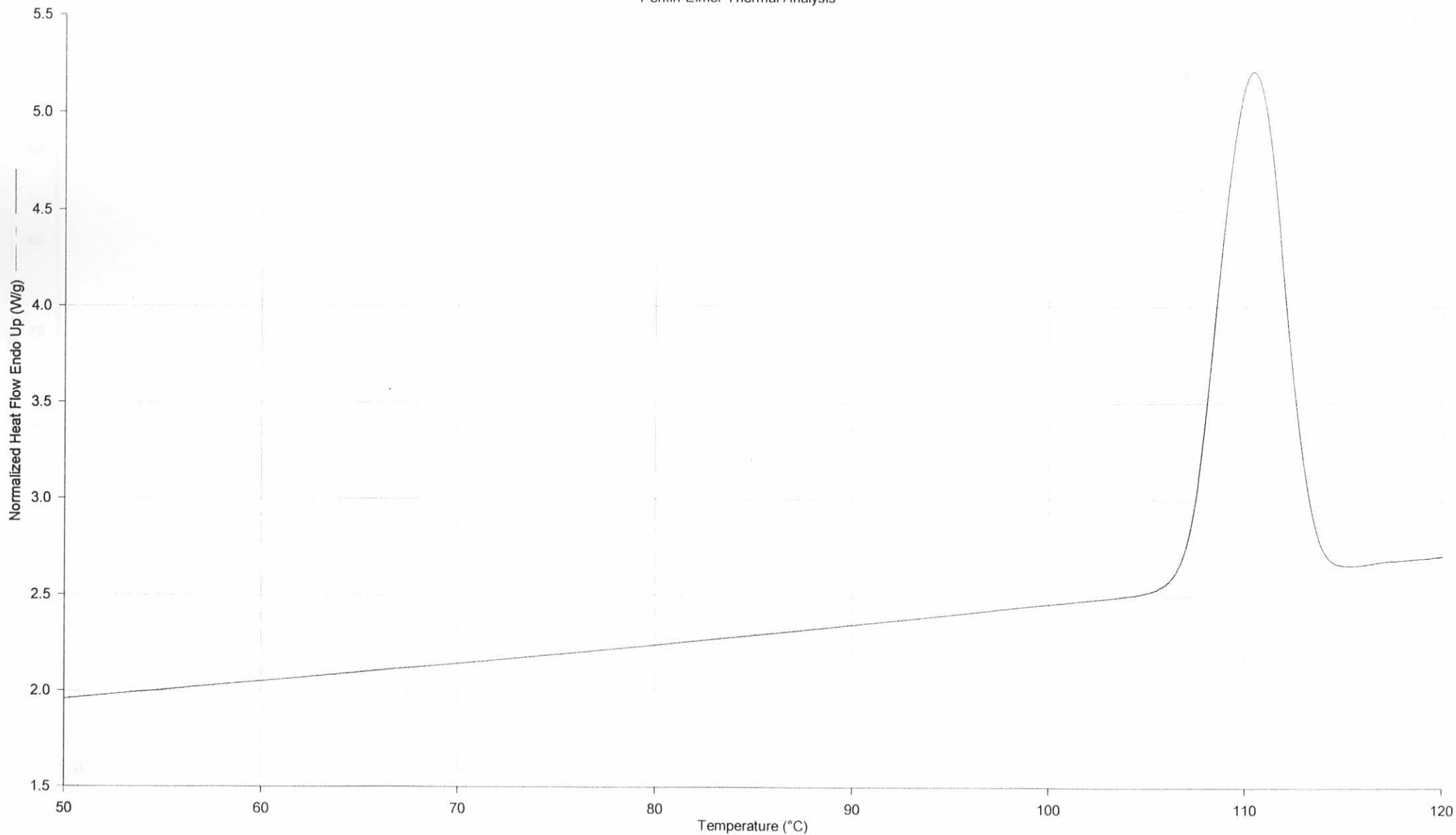
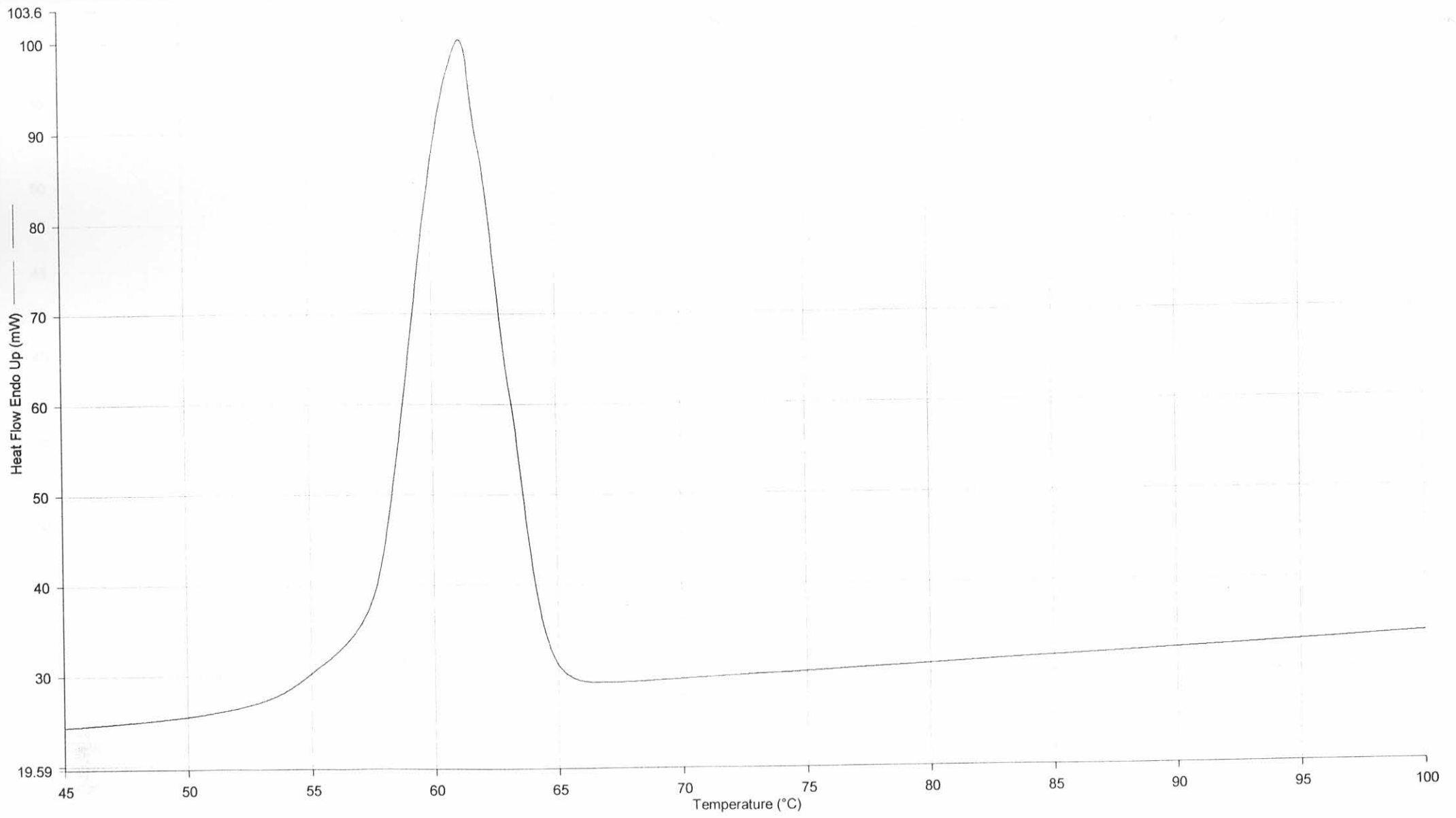
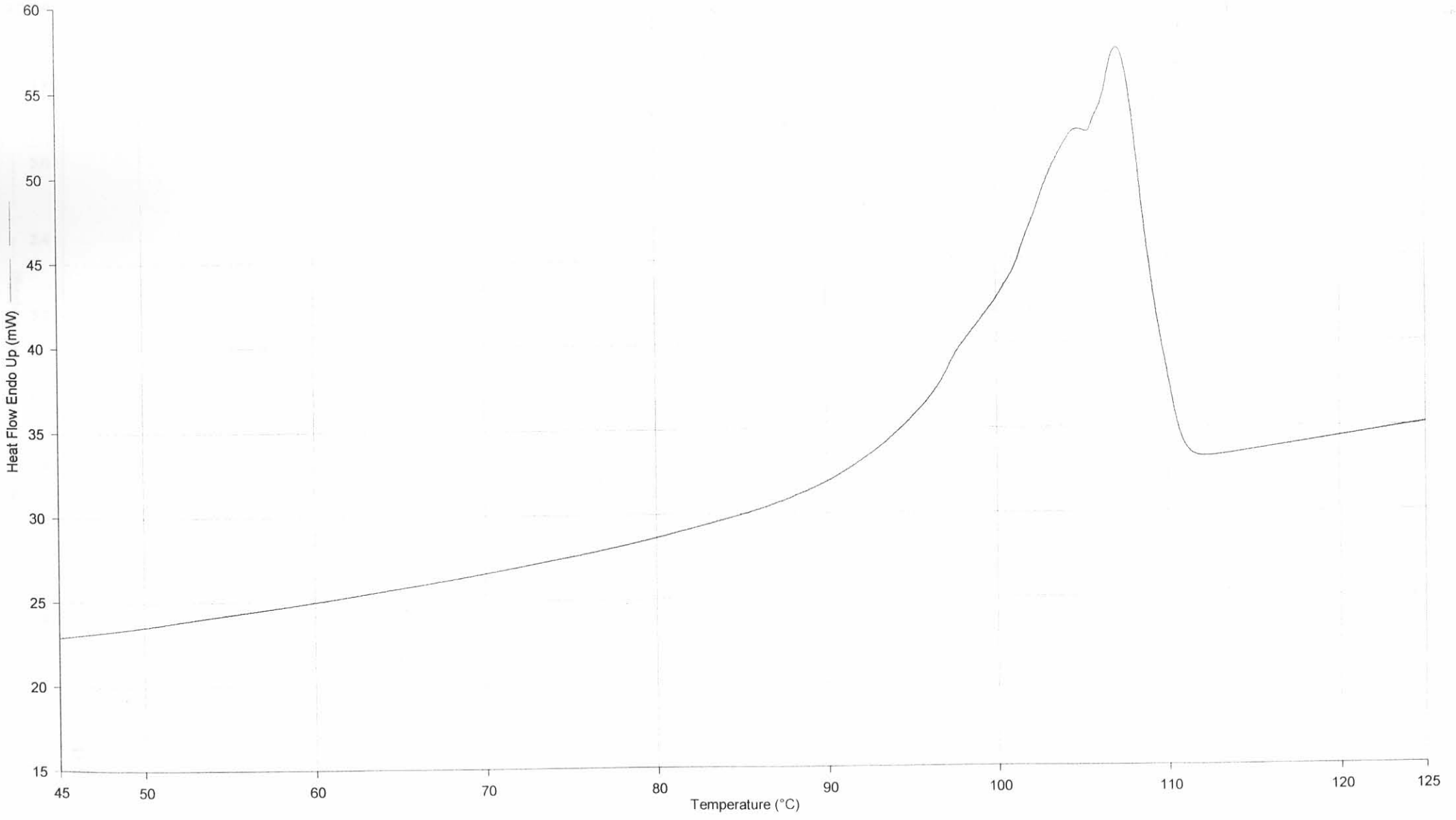


Figure A5 Melting scan for 4-Hydroxy-2,2,6,6-Tetramethyl piperidine-1-Ethanol

Perkin-Elmer Thermal Analysis



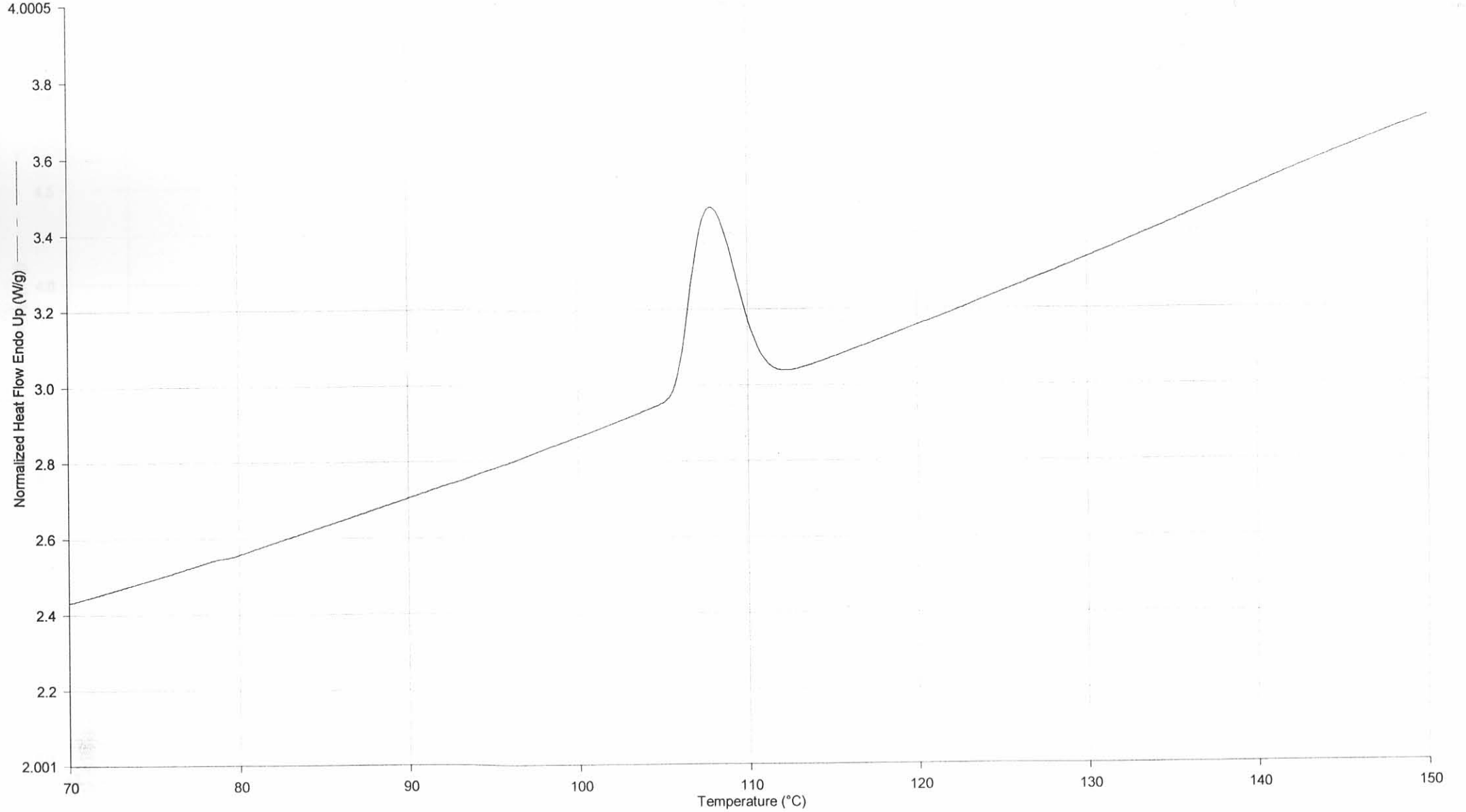
Perkin-Elmer Thermal Analysis



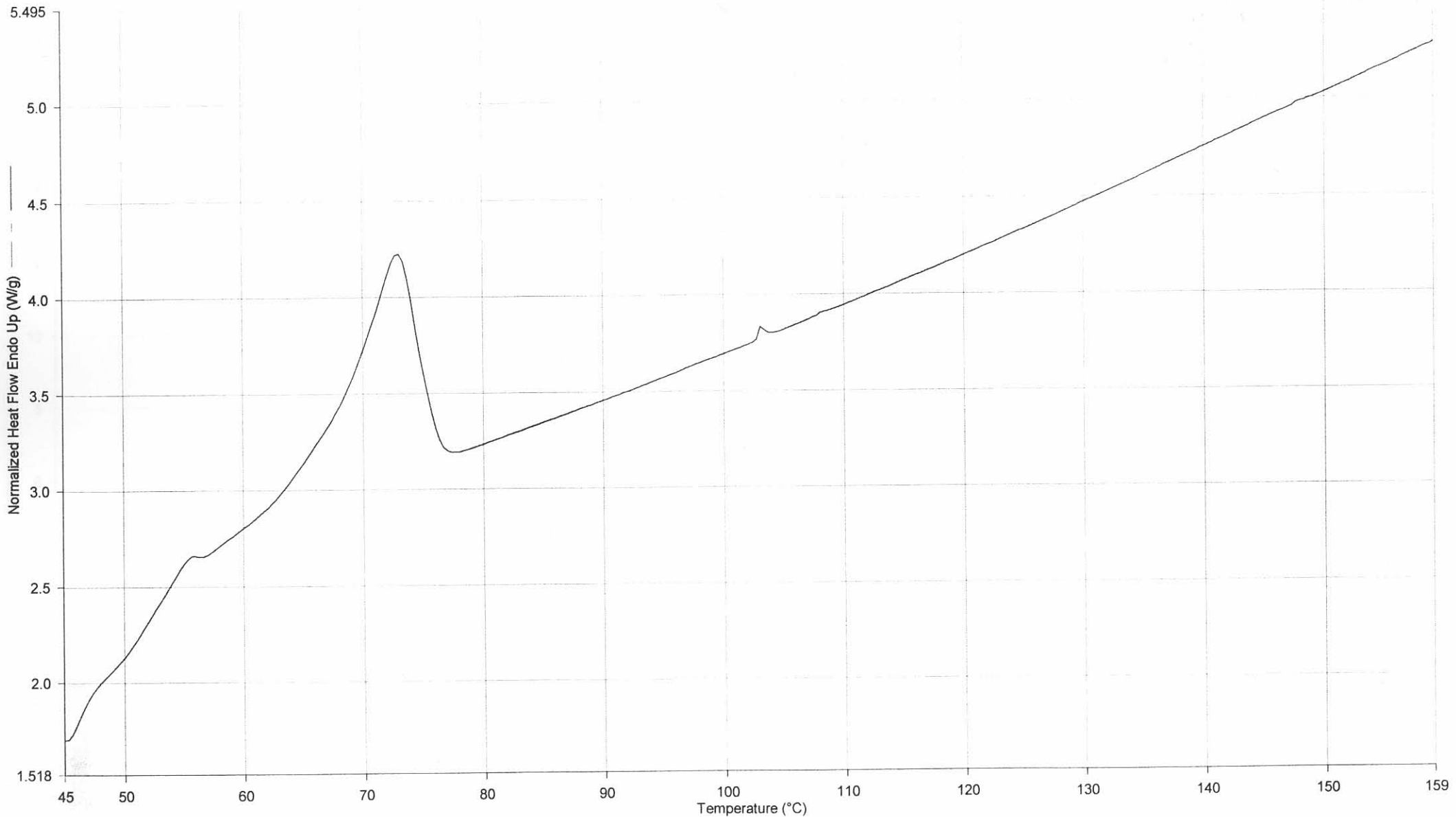
Sample ID: 10101
Sample Weight: 12.980 mg
Comment: Samples for Water



Perkin-Elmer Thermal Analysis



Perkin-Elmer Thermal Analysis



Perkin-Elmer Thermal Analysis

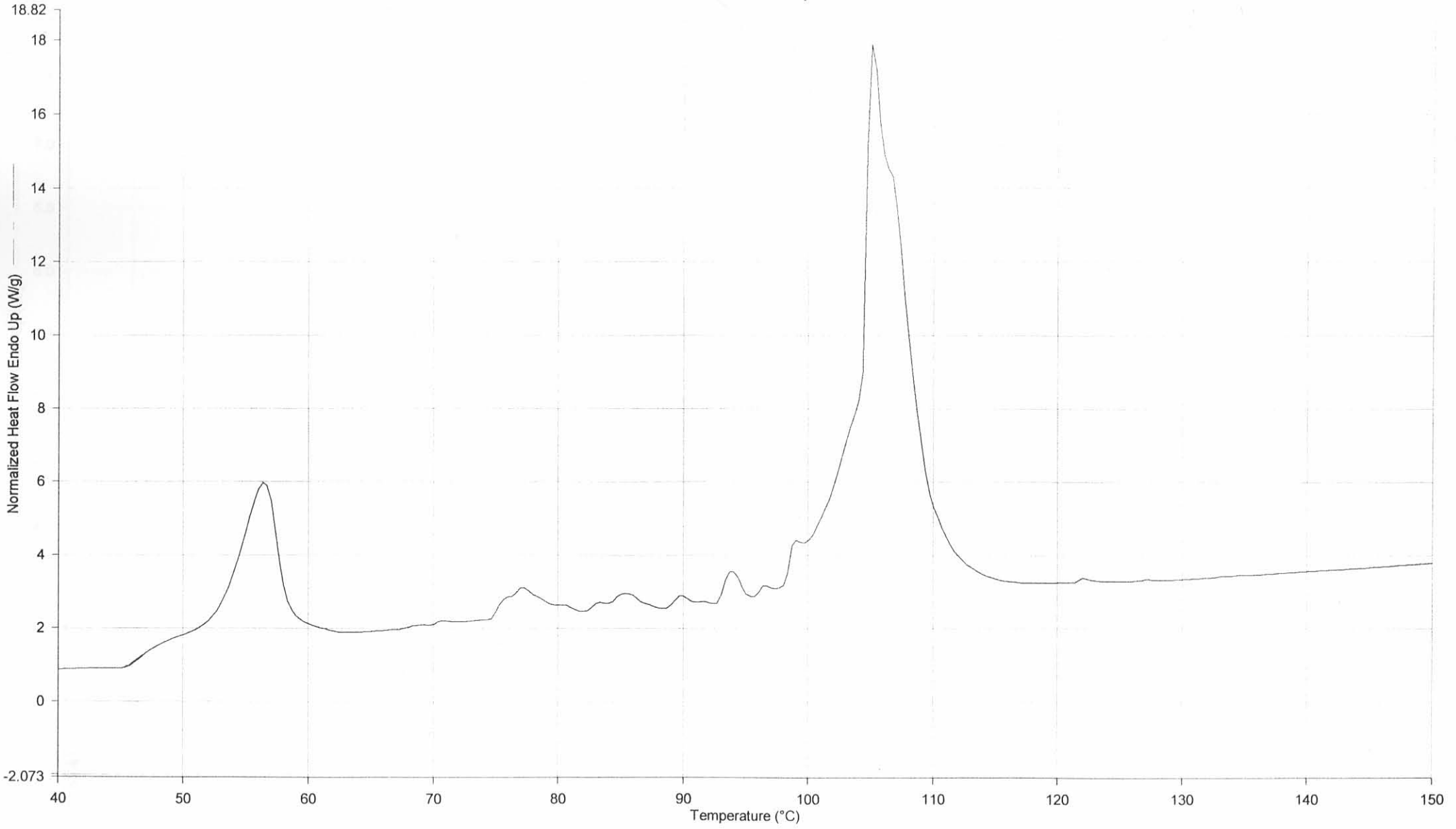
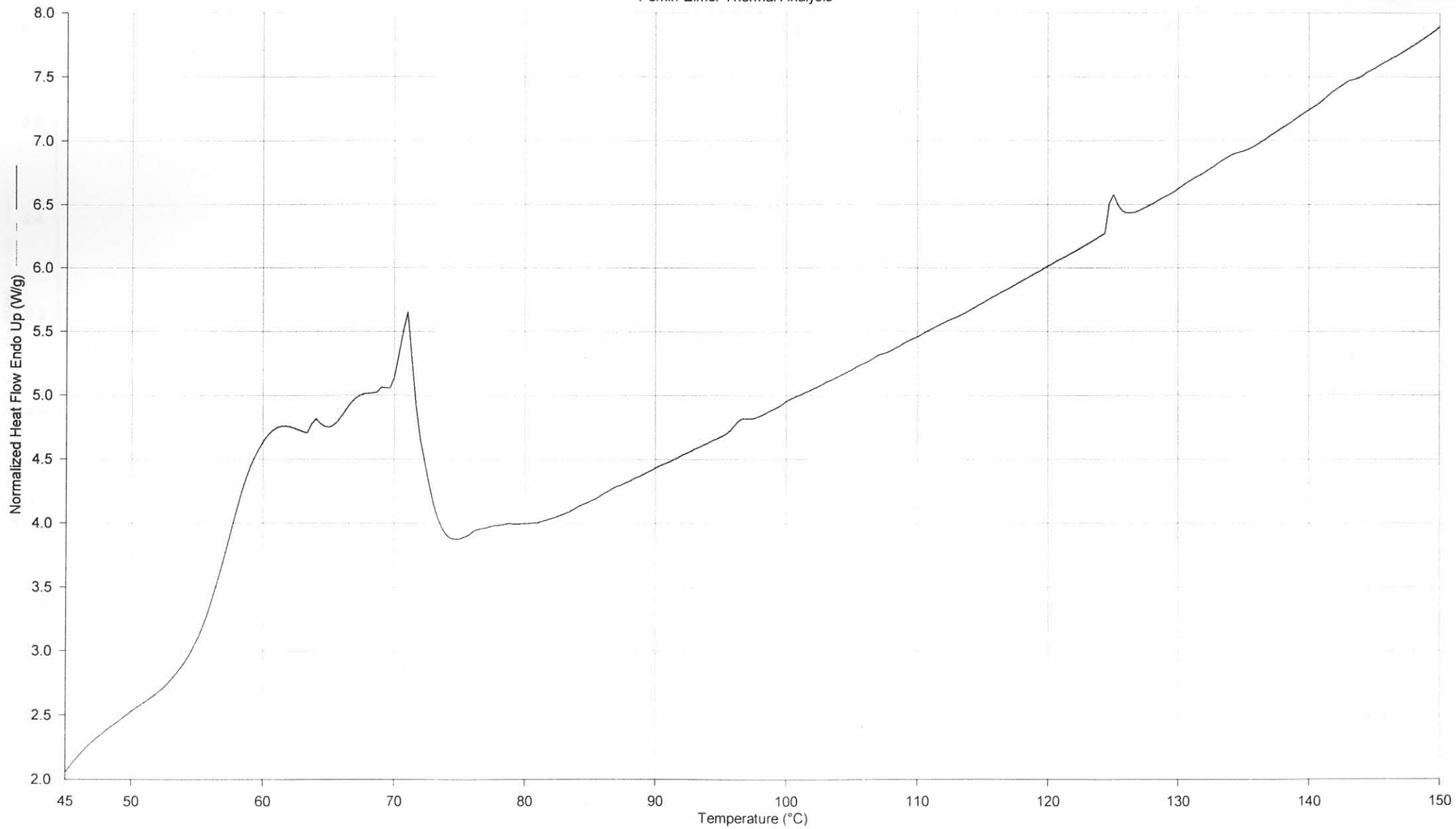
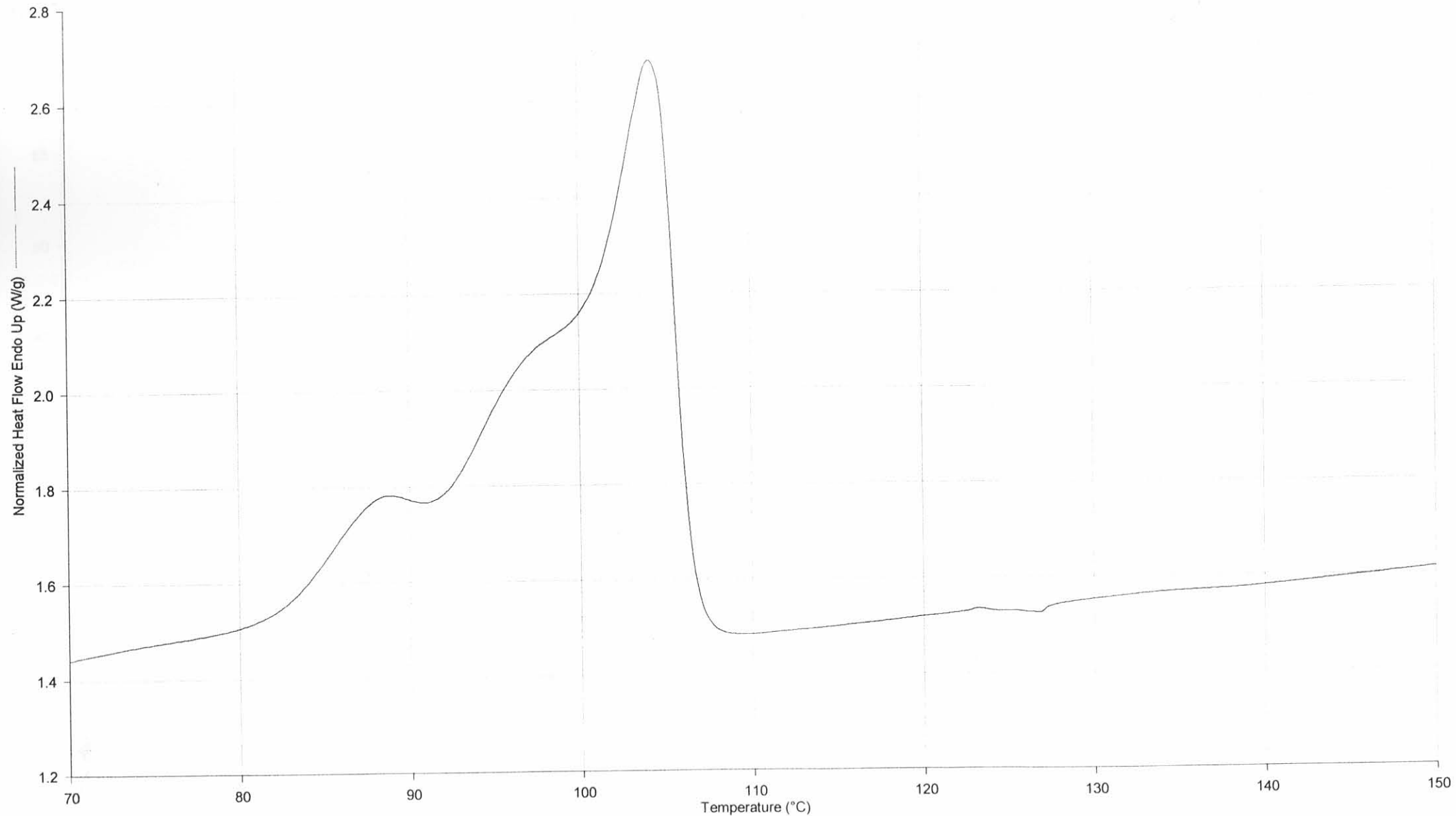


Figure A10 Melting scan for copolymer of stearic acid with N-HE-METHYL-TA (1:1)

Perkin-Elmer Thermal Analysis



Perkin-Elmer Thermal Analysis



Perkin-Elmer Thermal Analysis

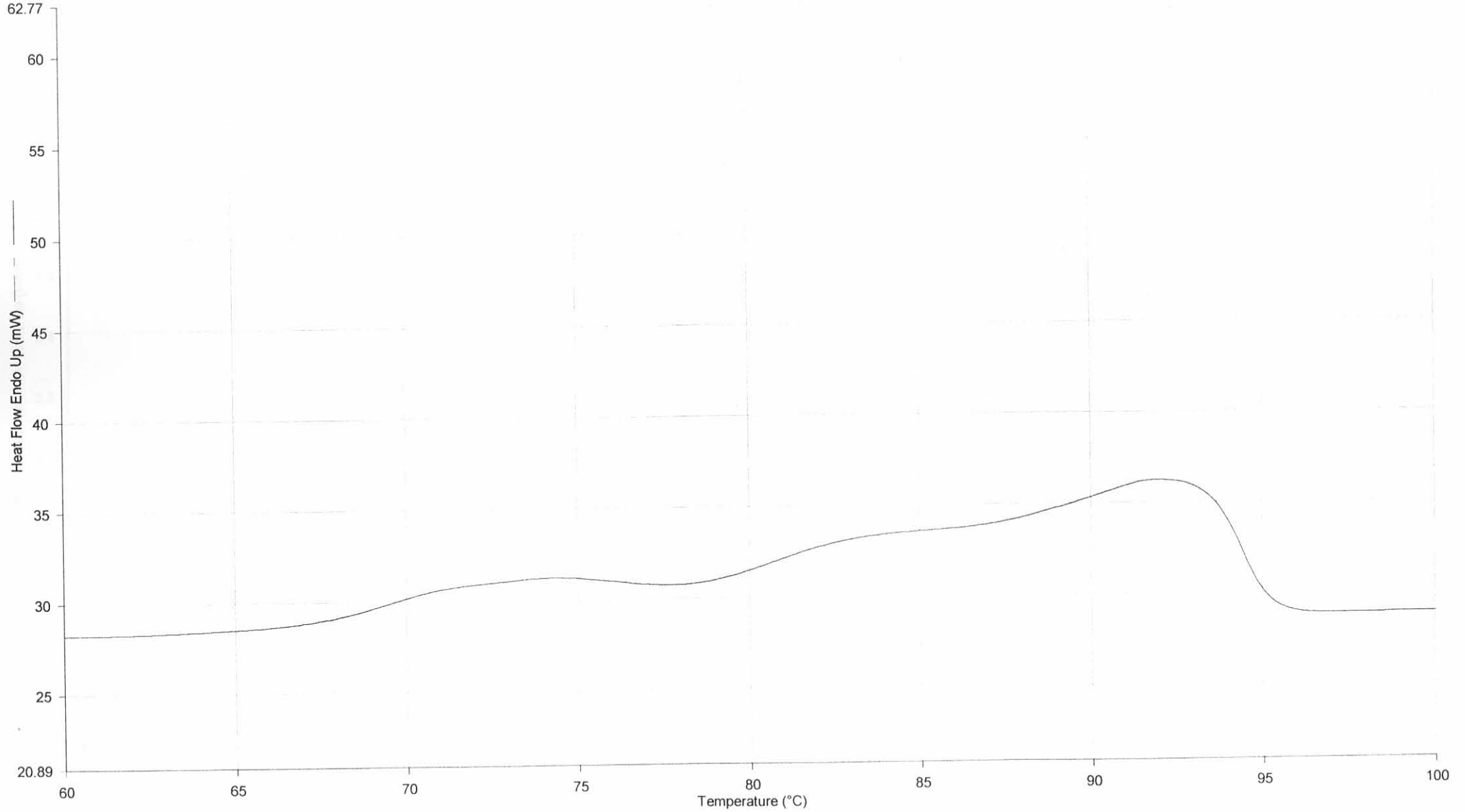
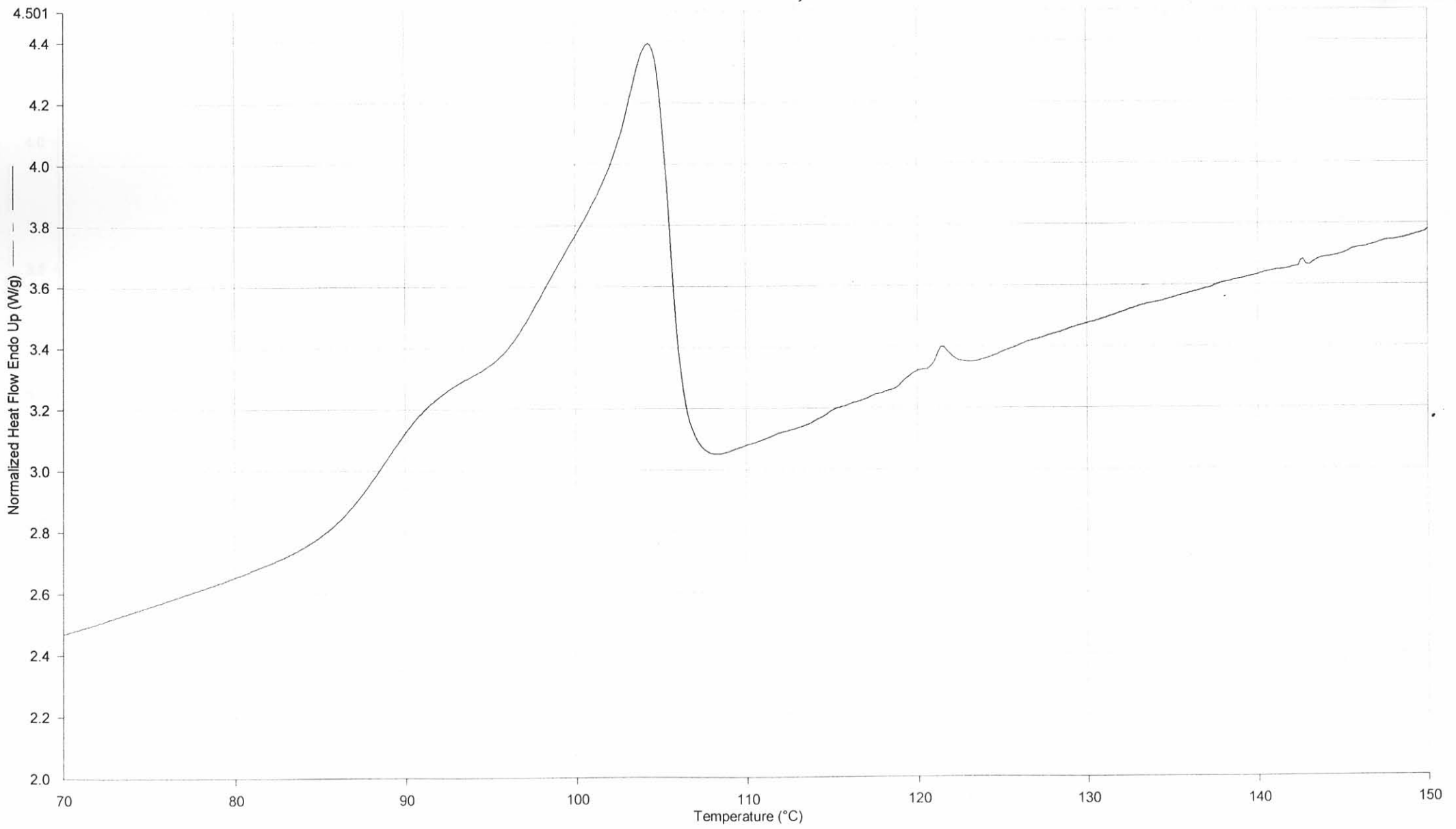


Figure A13 Melting scan for copolymer of polybutylene succinate with

Perkin-Elmer Thermal Analysis



Perkin-Elmer Thermal Analysis

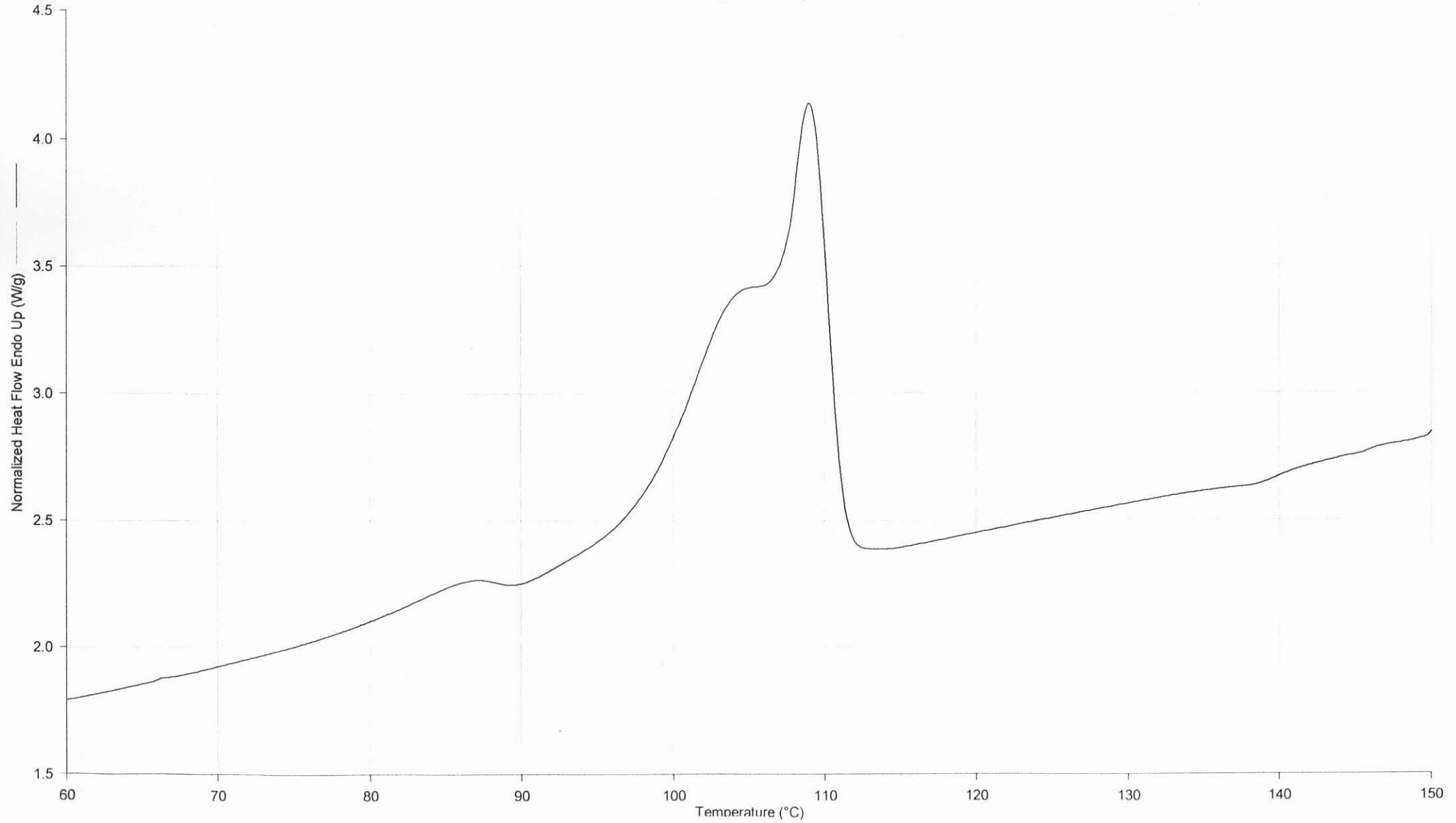


Figure A15 Melting scan for copolymer of polybutyle succinate with 2,2-(2,2,6,6-

Perkin-Elmer Thermal Analysis

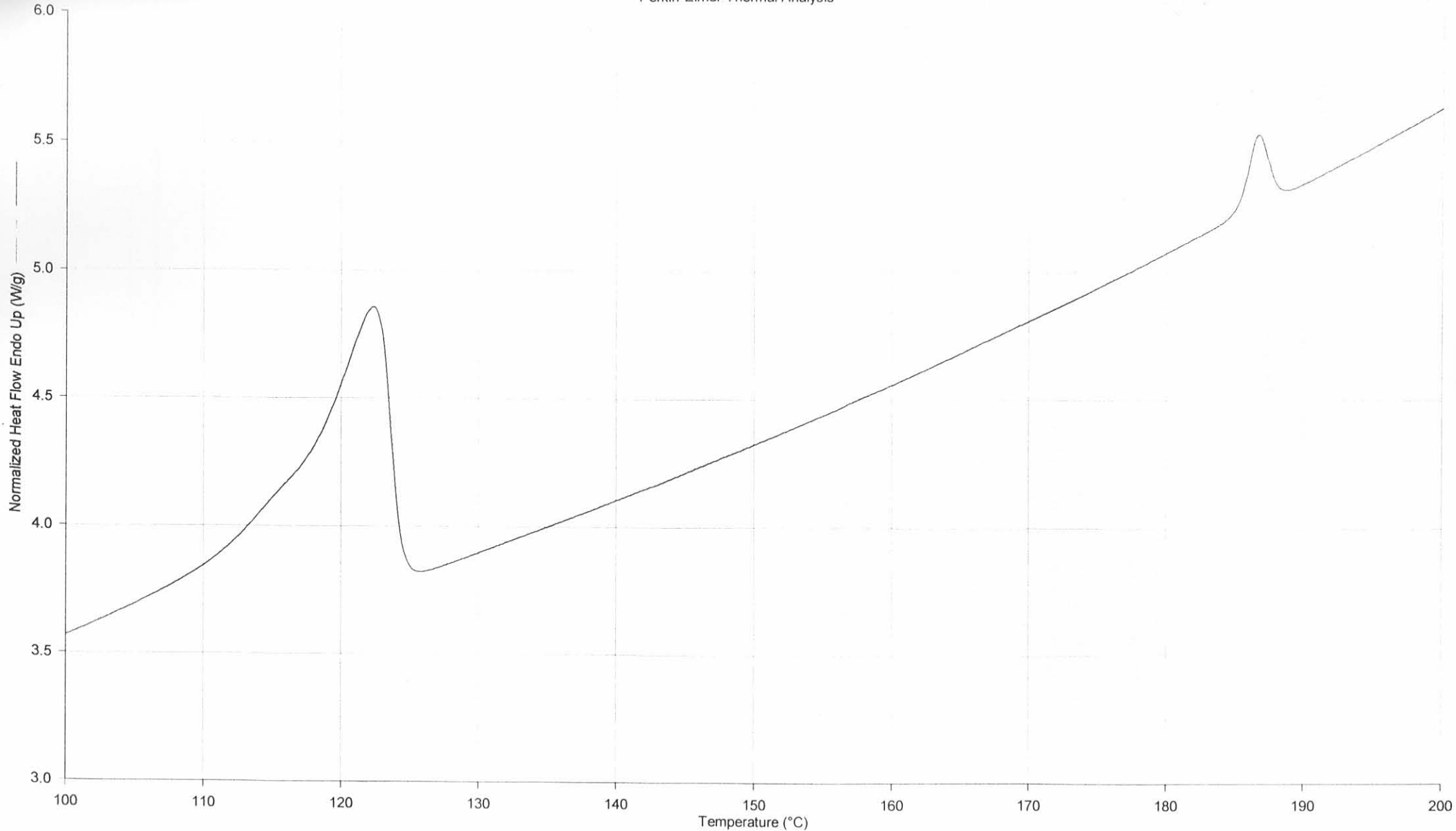


Figure 116 Melting of *trans*-D,L-1,2-Epoxy-2,2-dimethylbutane (100°C)