

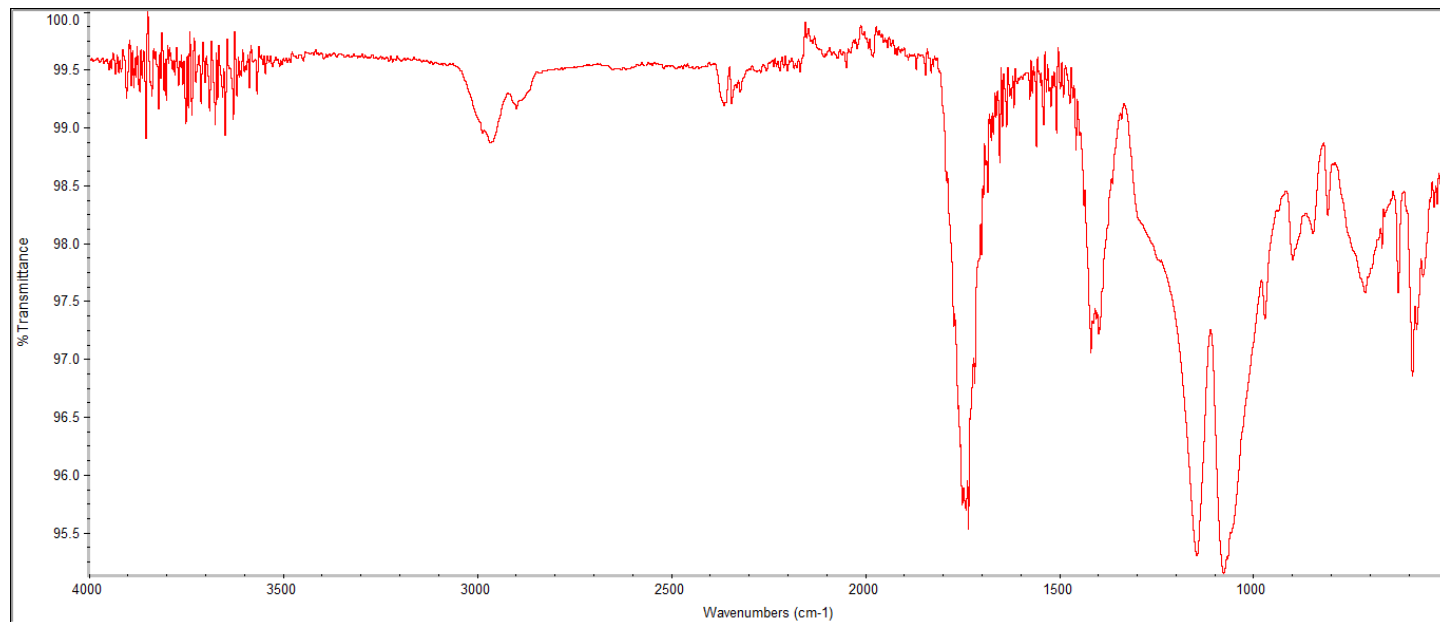
No. CB021

Certificate of Analysis



Product Name: Poly(L-Lactide-co-glycolide) I.V. 1.40 – 2.00 dl/g, LG 10:90, ester endcap (PLG 1017) (Lot # 250123CPB-672)

FTIR



FTIR Analysis: Collected from IS5 ID7-ATR spectrometer (Thermo Scientific) and analyzed in transmission mode.

DSC

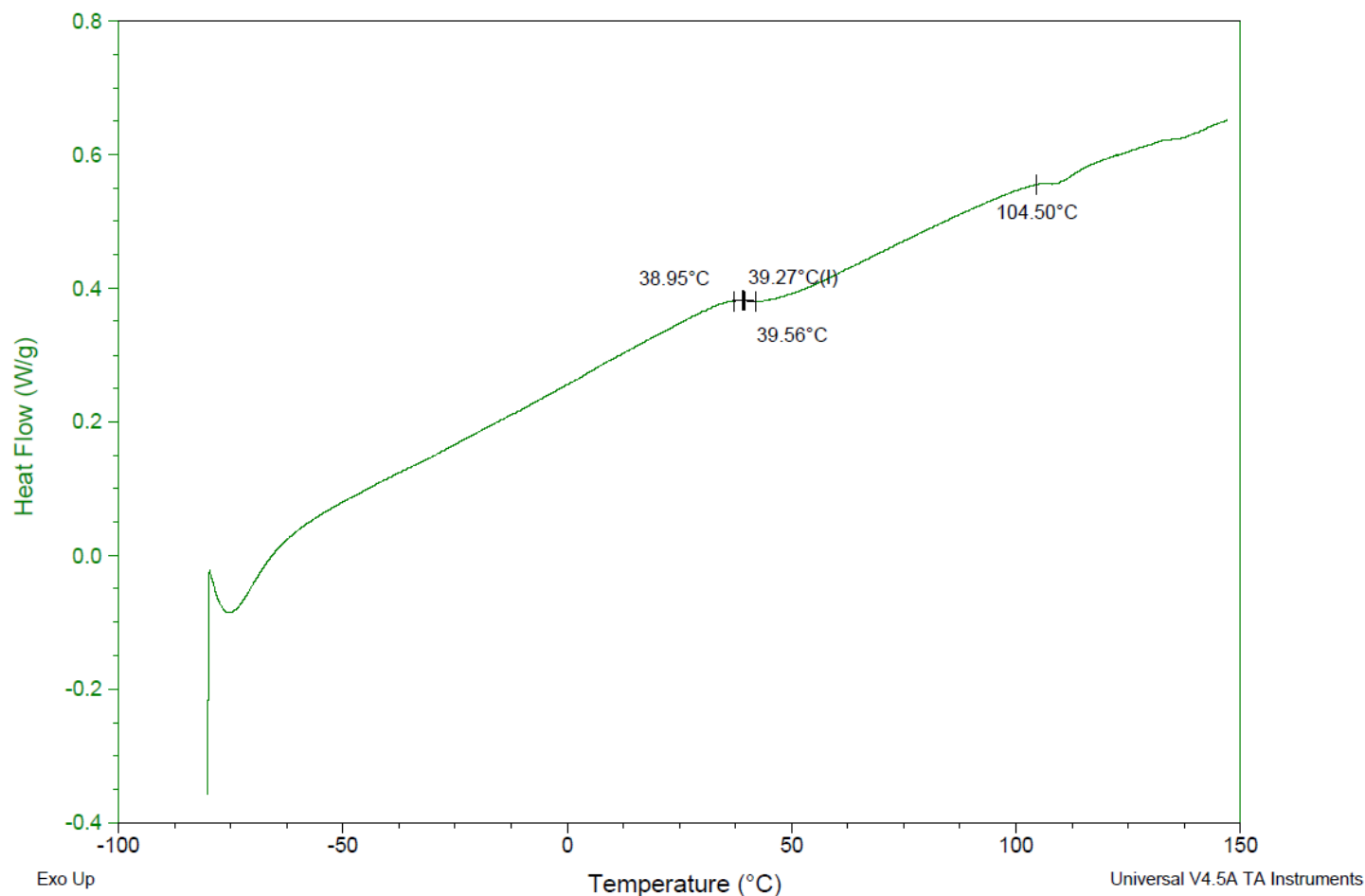
Sample: CB021 250123CBP-672
Size: 2.5000 mg
Method: Ramp

DSC

File: S:\...CB021 250123CBP-672.001

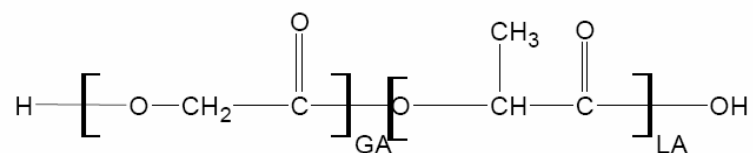
Run Date: 06-Nov-2025 13:25

Instrument: DSC Q2000 V24.11 Build 124



DSC Testing: 1-5 mg sample tested in crimped aluminum pan on a TA Instruments Model Q2000 with procedure equilibraion 100 °C, isothermal 5 minutes, equilibrate -80 °C, data on, ramp 10 °C/min to 150 °C.

Structure of copolymers



Manufacturer Provided Data

Assay	Specification	Result
Melting onset, DSC, 10 °C/min	180.00 °C	185.9 °C
Melting peak, DSC, 10 °C/min	215.00 °C	203.8 °C
Tin content	<50ppm	26 ppm
Water content ¹	<0.50%	0.03%
Residual monomer, L Lactide	<2%	1.7%
Residual monomer, Glycolide	<2%	<0.0%
Inherent Viscosity ²	1.40-2.00 dL/g	1.72 dL/g
Residual solvent, total	<0.10%	0.01 %
Residual solvent, Toluene	<890 ppm	70 ppm

1 – Measured by titration

2 – Measured at 25 °C in HFIP c=0.1 g/dL

Approved By: <i>Amie Tyler</i> Quality Manager
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