

Certificate of Analysis

Date of Testing: 2024-05-28 17:10:32
Date of Next Testing: 2027-05-28 17:10:32
Product Name: **Poly(L-lactide)**
CAS Number: 33135-50-1
Specifications & Purity: ester terminated, Characteristic viscosity: 0.8-1.2 dL/g (0.1% in CHCL3 at 25°C)
Lot #: E2421399
SKU #: **P477738**
Version: **2**
Analysis #: **358660**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|---|-----------------------------|-----------------------------|
| Viscosity(0.1 % (w/v) in chloroform(25 °C)) | 0.8-1.2 (dL/g) | 1.10000 DL/G |
| Tin(Sn) | 0-60 (ppm) | 14.00 ppm |
| Residual solvents(GLC-HS)(toluene) | 0-890 (ppm) | 25.00 ppm |
| Water by Karl Fischer | 0-0.5 (%) | 0.31 % |
| Sulphated ash | 0-0.1 (%) | 0.10000 % |
| Residual monomers | 0-0.1 (%) | 0.02 % |
| Appearance(P477738) | White to Off White Granules | White to Off White Granules |
| NMR Spectrum 1H | Conforms to Structure | Conforms to Structure |



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QA & QC Manager