

Certificate of Analysis

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| Date of Testing: | 2022-08-05 16:00:10 |
| Date of Next Testing: | 2026-08-04 16:00:10 |
| Product Name: | Poly(L-lactide-co-glycolide) |
| CAS Number: | 30846-39-0 |
| Specifications & Purity: | ester terminated, Lactide: Glycolide 82:18 |
| Lot #: | H2204061 |
| SKU # | P299054 |
| Analysis: | 102161 |
| Storage Temperature: | Store at 2-8°C |

| Parameter | Limit Values | Result |
|---|---------------------------------------|---------------------------------------|
| Tin(Sn) | 0-60 (ppm) | 15.00 ppm |
| Residual solvents(GLC-HS)(toluene) | 0-890 (ppm) | 5.00 ppm |
| Water by Karl Fischer | 0-0.5 (%) | 0.22 % |
| Sulfate Ash | 0-0.1 (%) | 0.10 % |
| Inherent Viscosity(0.1% in CHCl ₃ ,25°C) | 1.7-2.6 (DL/G) | 2.20 DL/G |
| Glycolide(Quantitative NMR) | 15-21 (Mole%) | 18.00 Mole% |
| L-Lactide(GC) | 0-1 (wt%) | 0.04 wt% |
| L-Lactide(Quantitative NMR) | 78-85 (Mole%) | 82.00 Mole% |
| Glycolide(GC) | 0-1 (wt%) | 0.11 wt% |
| Heavy metals | 0-10 (ppm) | 9.00 ppm |
| Appearance (P299054) | White to Off-White Powder or Granules | White to Off-White Powder or Granules |
| Odor (almost odorless) | pass | Pass |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager