

Certificate of Analysis

Date of Testing:	2023-07-14 09:04:16
Date of Next Testing:	2027-07-13 09:04:16
Product Name:	Poly(L-lactide-co-glycolide)
CAS Number:	30846-39-0
Specifications & Purity:	ester terminated, Lactide: Glycolide 82:18
Lot #:	11926134
SKU #	P299054
Analysis:	251455
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Heavy metals	0-10 (ppm)	10.00 ppm
Tin(Sn)	0-60 (ppm)	15.00 ppm
Residual solvents(GLC-HS)(toluene)	0-890 (ppm)	6.00 ppm
Water by Karl Fischer	0-0.5 (%)	0.15 %
Sulfate Ash	0-0.1 (%)	0.00 %
Inherent Viscosity(0.1% in CHCl ₃ ,25°C)	1.7-2.6 (DL/G)	2.30 DL/G
Glycolide(Quantitative NMR)	15-21 (Mole%)	17.00 Mole%
L-Lactide(GC)	0-1 (wt%)	0.17 wt%
L-Lactide(Quantitative NMR)	78-85 (Mole%)	83.00 Mole%
Glycolide(GC)	0-1 (wt%)	0.05 wt%
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