

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-07-01 10:51:08
Date of Next Testing:	2027-07-01 10:51:08
Product Name:	Resomer® R 202 H, Poly(D,L-lactide)
CAS Number:	26680-10-4
Specifications & Purity:	acid terminated, Mw 10,000-18,000
Lot #:	F2426080
SKU #	R432509
Version	1
Analysis #:	367406
Storage Temperature:	Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Residual Monomer D, L-Lactide(w/w)	0-0.5 (%)	0.42000 %
Water by Karl Fischer	0-0.5 (%)	0.23 %
Molecular Weight by GPC	10000-18000	11800.00000
Acid Value	≥6 (mgKOH/g)	11.50 mgKOH/g
Tin(Sn)	0-60 (ppm)	50.00 ppm
Residual Solvents Toluene	0-890 (ppm)	1.05000 ppm
Sulfated Ash	0-0.1 (%)	0.10000 %
Inherent Viscosity(0.5 % in CHCl ₃ at 25°C)	0.16-0.24 (DL/G)	0.18000 DL/G
Residual Solvents Acetone(GC)	0-0.1 (%)	0.00000 %
Residual Solvents Total	0-0.1 (%)	0.00000 %
Appearance(R432509)	White to Off White Solid	White to Off White Solid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager