

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-03 19:20:50
 Date of Next Testing: 2027-09-03 19:20:50
 Product Name: **Poly(D,L-lactide-co-glycolide)**
 CAS Number: P476119
 Specifications & Purity: lactide:glycolide 50:50, acid and hydroxy terminated, M_n 25000
 Lot #: H2429161
 SKU #: **P476119**
 Version: **1**
 Analysis #: **401928**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
lactide LA	45-55 (%)	52.00000 %
Glycolide GA	45-55 (%)	48.00000 %
intrinsic viscosity	0.35-0.45 (DL/G)	0.39000 DL/G
Water by Karl Fischer	0-0.5 (%)	0.30 %
Heavy metals	0-10 ($\mu\text{g/g}$)	1.25 $\mu\text{g/g}$
Molecular Number by GPC	18000-32000	27000.00
Acid Value	≥ 6 (mgKOH/g)	16.00 mgKOH/g
Appearance(P476119)	White to off-white to pale yellow to Beige to Light Brown solid	White to off-white to pale yellow to Beige to Light Brown solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager