

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Poly(D,L-lactide)**
Specifications & Purity: ester terminated, Mw 18,000-28,000
SKU # **P299042**

Parameter	Limit Values
Appearance (P299042)	White to Off White solid
Proton NMR spectrum	Conforms to structure
Identity Acid number	≤2 (mgKOH/g)
Inherent Viscosity(0.1% in CHCl ₃ ,25°C)	0.25 – 0.35 (DL/G)
Water by Karl Fischer	0-0.5 (%)
Residual monomer D,L-Lactide	≤0.5 (%)
Residual Solvents(Acetone)(GC-MS)	≤0.1 (%)
Total Residual Solvents	≤0.1 (%)
Residual Solvents(Toluene)(GC-MS)	≤890 (ppm)
Tin(Sn)	0-50 (ppm)
Sulfated Ash	< 0.1 (%)
Bacterial endotoxins	< 6 (EU/g)
Total microbial count	≤2000 (cfu/g)
Yeasts and moulds	≤200 (cfu/g)