

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Poly(D,L-lactide-co-glycolide)**
Specifications & Purity: acid terminated,lactide:glycolide 75:25,Mw 4000-15000
SKU # **P133294**

Parameter	Limit Values
Total Residual Solvents	0-0.1 (%)
D,L-Lactide(Quantitative NMR)	73-77 (Mole%)
Average Molecular Weight	4000-15000
Tin(Sn)	0-150 (ppm)
Heavy metals	0-10 (ppm)
D,L-Lactide(GC)	0-0.5 (wt%)
Sulfate Ash	0-0.1 (%)
Residual solvents(GLC-HS)(toluene)	0-890 (ppm)
Glycolide(GC)	0-0.5 (wt%)
Water by Karl Fischer	0-0.5 (%)
Residual Solvents(Acetone)(GLC-HS)	0-0.1 (%)
Glycolide(Quantitative NMR)	23-27 (Mole%)
Acid Value	8-15 (mgKOH/g)
Appearance (P133294)	White to off-white to light Yellow-brown solid
Proton NMR spectrum	Conforms to Structure
Inherent Viscosity(0.5% CHCl ₃ ,25°C)	0.14-0.22 (DL/G)