

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Poly(D,L-lactide-co-glycolide)**
Specifications & Purity: ester terminated,lactide:glycolide 75:25,Mw 76000-115000
SKU # **P134386**

| Parameter | Limit Values |
|---|--------------------------|
| Total Residual Solvents | 0-0.1 (%) |
| Heavy metals | 0-10 (ppm) |
| D,L-Lactide(Quantitative NMR) | 73-77 (Mole%) |
| Tin(Sn) | 0-100 (ppm) |
| Water by Karl Fischer | 0-0.5 (%) |
| D,L-Lactide(GC) | 0-0.5 (wt%) |
| Inherent Viscosity(0.1% in CHCl ₃ ,25°C) | 0.7-1 (DL/G) |
| Glycolide(GC) | 0-0.5 (wt%) |
| Residual solvents(GLC-HS)(toluene) | 0-890 (ppm) |
| Sulfate Ash | 0-0.1 (%) |
| Residual Solvents(Acetone)(GLC-HS) | 0-0.1 (%) |
| Glycolide(Quantitative NMR) | 23-27 (Mole%) |
| Appearance (P134386) | White to off-white solid |
| Proton NMR spectrum | Conforms to Structure |