

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Poly(L-lactide-co-ε-caprolactone)**
Specifications & Purity: ester terminated, Lactide: Caprolactone 70:30
SKU # **P299053**

Parameter	Limit Values
Residual solvents(GLC-HS)(toluene)	0-890 (ppm)
Tin(Sn)	0-60 (ppm)
Inherent Viscosity(0.1% in CHCl ₃ ,25°C)	1.3-1.8 (DL/G)
Caprolactone(Quantitative NMR)	27-33 (Mole%)
L-Lactide(Quantitative NMR)	67-73 (Mole%)
Water by Karl Fischer	0-0.5 (%)
Sulfate Ash	0-0.1 (%)
Appearance (P299053)	white to off white granules or flakes
Odor (almost odorless)	pass
Proton NMR spectrum	Conforms to Structure