

Specification Sheet

Product Name: **Poly(D,L-lactide-co-glycolide)**
Specifications & Purity: lactide:glycolide 50:50,ester terminated,Mw 38000-54000
SKU # **P134564**

Parameter	Limit Values
Water by Karl Fischer	0-0.5 (%)
Acid Value	0-1 (mgKOH/g)
Glycolide(Quantitative NMR)	45-55 (Mole%)
Total Residual Solvents	0-0.1 (%)
Sulfate Ash	0-0.5 (%)
Heavy metals	0-10 (ppm)
D,L-Lactide(Quantitative NMR)	45-55 (Mole%)
Residual Solvents(Acetone)(GLC-HS)	0-0.1 (%)
D,L-Lactide(GC)	0-1.5 (wt%)
Residual solvents(GLC-HS)(toluene)	0-890 (ppm)
Glycolide(GC)	0-0.5 (wt%)
Tin(Sn)	0-150 (ppm)
Average Molecular Weight	38000-54000
Inherent Viscosity(0.1% in CHCl ₃ ,25°C)	0.45-0.6 (DL/G)
Appearance (P134564)	White to Off White Solid
Proton NMR spectrum	Conforms to Structure