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Specification Sheet

Product Name: **Poly(D,L-lactide-co-glycolide)**
Specifications & Purity: acid terminated,lactide:glycolide 50:50,Mw 38000-54000
SKU # **P133293**

Parameter	Limit Values
Acid Value	≥2 (mgKOH/g)
D,L-Lactide(GC)	0-1.5 (wt%)
D,L-Lactide(Quantitative NMR)	48-52 (Mole%)
Glycolide(Quantitative NMR)	48-52 (Mole%)
Tin(Sn)	0-200 (ppm)
Water by Karl Fischer	0-0.5 (%)
Inherent Viscosity(0.1% in CHCl ₃ ,25°C)	0.45-0.6 (DL/G)
Sulfate Ash	0-0.1 (%)
Appearance (P133293)	White to Off White solid
Proton NMR spectrum	Conforms to Structure
Residual Monomer D, L-Lactide(w/w)	0-0.5 (%)
Residual monomer Glycolide	0-0.5 (%)
Residual Solven Acetone(GC)	0-0.1 (%)
Residual SolventsToluene	0-890 (ppm)
Residual Solvents Total	0-0.1 (%)
Total microbial count	0-2000 (cfu/g)

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