

Specification Sheet

Product Name: **Resomer® RG 753 H, Poly(D,L-lactide-co-glycolide)**
Specifications & Purity: End acid, lactide: lactide 75:25
SKU # **R432516**

Parameter	Limit Values
Appearance(R432516)	White to off-white solid
Proton NMR spectrum	Conforms to Structure
Polymer composition D,L-LACTIDE(QUANTITATIVE NMR) (mol)	73-77 (%)
Polymer composition GLYCOLIDE(QUANTITATIVE NMR)(mol)	23-27 (%)
Inherent Viscosity(0.5%,CHCl ₃ ,25°C)	0.32-0.44 (DL/G)
Water by Karl Fischer	0-0.5 (%)
Residual monomer D,L-Lactide	0-0.5 (%)
Residual monomer Glycolide	0-0.5 (%)
Residual Solvents(acetone)(GC)	0-0.1 (%)
Residual Solvents(toluene)(GC)	0-890 (ppm)
TIN (ICP-MS)	0-200 (ppm)
Sulfated Ash	0-0.1 (%)
Total Residual Solvents	0-0.1 (%)
Total microbial count	≤2000 (cfu/g)
Yeasts and moulds	≤200 (cfu/g)
Identity Acid number	≥3 (mgKOH/g)
Bacterial endotoxins	0-6 (EU/g)