

## Product Specification Sheet

**Product Name:** Polycaprolactone, IV 1.5 dL/g, Powder  
**Catalog Number:** 50313  
**CAS Number:** 24980-41-4  
**Linear Formula:**  $(C_6H_{10}O_2)_n$   
**Storage Temperature:** Store at -20°C

### Specifications

Test	Specification
Appearance	White powder
Identity by <sup>1</sup> H-NMR	Conforms to structure
Inherent Viscosity (Chloroform)	1.30 – 1.70 dL/g
Water Content	≤ 0.5 %
Residue on ignition	≤ 0.1 %
Residual Monomer	≤ 0.5 %
Residual Solvent	DMSO: ≤ 0.5 %
Residual Solvent	IPA: ≤ 0.5 %
Residual Tin	≤ 50 ppm
Total Aerobic Microbial Count	≤ 100 CFU/g
Total Yeasts / Molds Count	≤ 100 CFU/g
Bacterial Endotoxin	≤ 0.1 EU/mg

The information provided is accurate at the time of preparation. This is not a CoA.  
January 2024