

Product Specification Sheet

Product Name: Polycaprolactone, IV 0.6 dL/g, Powder
Catalog Number: 50311
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 ¹ H-NMR | Conforms to structure |
| Inherent Viscosity (Chloroform) | 0.50 - 0.70 dL/g |
| Water Content | ≤ 0.5 % |
| Residue on ignition | ≤ 0.1 % |
| Residual Monomer | ≤ 0.5 % |
| Residual Solvent | DMSO: ≤ 0.5 % |
| Residual Solvent | Toluene: ≤ 890 ppm |
| 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