

Certificate of Analysis

Date of Testing: 2023-06-16 10:34:21

Date of Next Testing: 2027-06-15 10:34:21

Product Name: **poly(dioxanone)**

CAS Number: 29223-92-5

Specifications & Purity:

Lot #: F2308801

SKU #: **P299043**

Analysis: **217788**

Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Assay(GC)Residual Monomer (Dioxanone)	0-0.5 (%)	0.13000 %
Water by Karl Fischer	0-0.5 (%)	0.23 %
Sulphated ash	≤0.1 (%)	0.10000 %
Viscosity(Inherent Viscosity (0.1% in HFIP at 30 deg c))	1.5-2.2 (DL/G)	1.80000 DL/G
Tin(Sn)	0-50 (ppm)	38.00 ppm
Residual Solvent	0-890 (ppm)	2.00000 ppm
Heavy metals	0-10 (ppm)	0.00 ppm
Appearance(P299043)	White to Off White Chips or Granules	White to Off White Chips or Granules
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager