

Certificate of Analysis

Date of Testing: 2022-03-24 17:07:46
Date of Next Testing: 2026-03-23 17:07:46
Product Name: **D-(-)-Pantolactone**
CAS Number: 599-04-2
Specifications & Purity: 99%
Lot #: E1814027
SKU #: **P122332**
Analysis: **080796**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 in H ₂ O)	-53--49 (°)	-49.61°
Purity(GC)	99-100 (%)	99.78%
Melting point	90-94 (°C)	90.01000 °C
Appearance (P122332)	White Solid	White Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager