

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-21 13:38:03
Date of Next Testing: 2026-09-20 13:38:03
Product Name: **D-(-)-Pantolactone**
CAS Number: 599-04-2
Specifications & Purity: 99%
Lot #: A1507060
SKU #: **P122332**
Analysis: **138026**
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 (°)	-51.30°
Purity(GC)	99-100 (%)	99.12%
Melting point	90-94 (°C)	92.20000 °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