

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-05 16:36:50
Date of Next Testing: 2026-09-04 16:36:50
Product Name: **D-Saccharic acid 1,4-lactone monohydrate**
CAS Number: 61278-30-6
Specifications & Purity: 98%
Lot #: H2231691
SKU #: **S121083**
Analysis: 107860
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	8.94 %
Purity(HPLC)	98-100 (%)	98.44700 %
Specific Rotation [a] _D 20/D(c=1 in H ₂ O)	33-36 (°)	33.49°
Carbon by Elemental Analysis(anhydrous)	36.6-38.4 (%)	36.62 %
Appearance (S121083)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow Clear ,50 mg/mL, H ₂ O	pass	Pass



John Su
QA & QC Manager