

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-29 18:57:37

Date of Next Testing: 2029-12-28 18:57:37

Product Name: **D-Saccharic acid 1,4-lactone monohydrate**

CAS Number: 61278-30-6

Specifications & Purity: $\geq 98\%$

Lot #: L2524551

SKU #: **S121083**

Version: **0**

Analysis #: **623139**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	8.53890 %
Purity(HPLC)	98-100 (%)	100.00000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	33-36 (°)	33.28400 °
Carbon by Elemental Analysis(anhydrous)	36.6-38.4 (%)	37.47000 %
Appearance (S121083)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , Colorless to Faint Yellow Clear ,50 mg/mL, H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager