

## Certificate of Analysis

Date of Testing: 2023-07-04 17:47:43

Date of Next Testing: 2027-07-03 17:47:43

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

CAS Number: 61278-30-6

Specifications & Purity: 98%

Lot #: F23271138

SKU #: **S121083**

**Analysis:** **236327**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	8.94 %
Purity(HPLC)	98-100 (%)	99.31500 %
Carbon by Elemental Analysis(anhydrous)	36.6-38.4 (%)	37.60 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	33-36 (°)	33.10°
Appearance (S121083)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow Clear ,50 mg/mL, H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager