

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **D-Saccharic acid 1,4-lactone monohydrate**
Specifications & Purity: 98%
SKU #: **S121083**

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