

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-12 15:17:30

Date of Next Testing: 2027-03-12 15:17:30

Product Name: **D-Ribono-1,4-lactone**

CAS Number: 5336-08-3

Specifications & Purity: $\geq 97\%$

Lot #: E23251276

SKU #: **D130873**

Version: **2**

Analysis #: **480443**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	74-84 (°C)	75.62800 °C
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	15-20 (°)	17.57500 °
Purity(HPLC)	97-100 (%)	99.45600 %
Appearance (D130873)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Solubility in H ₂ O , colorless to faint yellow clear to hazy(5% or 10%)	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager