

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 #: E23251278
 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