

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-25 19:08:35

Date of Next Testing: 2026-10-15 19:08:35

Product Name: **Lactobionic acid**

CAS Number: 96-82-2

Specifications & Purity: $\geq 97\%$

Lot #: J2415499

SKU #: **L109639**

Version: **1**

Analysis #: **414747**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=8.8 \text{ in H}_2\text{O})(\text{after 4hrs})$	21-27 (°)	24.98800 °
Purity (Back Titration by HCl)	96.5-103.5 (%)	103.50000 %
Water by Karl Fischer	0-5 (%)	5.00000 %
Appearance (L109639)	White or off-white powder	White or off-white powder
Solubility,Clear,Colorless,5% in H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager