

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-18 11:46:10

Date of Next Testing: 2026-06-08 11:46:10

Product Name: **Lactobionic acid**

CAS Number: 96-82-2

Specifications & Purity: $\geq 97\%$

Lot #: I2212020

SKU #: **L109639**Version: **1**Analysis #: **370860**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Back Titration by HCl)	96.5-103.5 (%)	102.00000 %
Specific Rotation $[\alpha]_{20/D}(c=8.8 \text{ in H}_2\text{O})(\text{after 4hrs})$	21-27 (°)	24.00000 °
Water by Karl Fischer	0-5 (%)	2.76000 %
Appearance (L109639)	White or off-white powder	White or off-white powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Clear,Colorless,5% in H ₂ O	pass	Pass

John Su
QA & QC Manager