

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-20 13:58:32

Date of Next Testing: 2028-03-09 13:58:32

Product Name: **Lactobionic acid**

CAS Number: 96-82-2

Specifications & Purity: $\geq 97\%$

Lot #: C2618415

SKU #: **L109639**

Version: **1**

Analysis #: **665641**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=8.8 \text{ in H}_2\text{O})}$ (after 4hrs)	21-27 (°)	26.16500°
Water by Karl Fischer	0-5 (%)	1.66930 %
Purity (Back Titration by HCl)	96.5-103.5 (%)	103.48000 %
Appearance (L109639)	White or off-white powder to crystal	White or off-white powder to crystal
Solubility,Clear,Colorless,5% in H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager