

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-18 12:06:58

Date of Next Testing: 2027-10-08 12:06:58

Product Name: **Lactobionic acid**

CAS Number: 96-82-2

Specifications & Purity: $\geq 97\%$

Lot #: J2509734

SKU #: **L109639**

Version: **1**

Analysis #: **576114**

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 (°)	22.28900°
Water by Karl Fischer	0-5 (%)	2.39990 %
Purity (Back Titration by HCl)	96.5-103.5 (%)	103.47000 %
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