

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-21 15:41:36
 Date of Next Testing: 2024-10-10 15:41:36
 Product Name: **Lactobionic acid**
 CAS Number: 96-82-2
 Specifications & Purity: $\geq 97\%$
 Lot #: A2108265
 SKU #: **L109639**
 Version: **1**
 Analysis #: **147149**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity (Back Titration by HCl)	96.5-103.5 (%)	103.38500 %
Specific Rotation $[\alpha]_{20/D}(c=8.8 \text{ in H}_2\text{O})(\text{after 4hrs})$	21-27 (°)	26.86200 °
Water by Karl Fischer	0-5 (%)	3.62500 %
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