

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-01 14:57:47  
Date of Next Testing: 2028-06-30 14:57:47  
Product Name: **Lactosum , anhydrous**  
CAS Number: 63-42-3  
Specifications & Purity: Ph Eur,USP,NF,JP  
Lot #: F2426301  
SKU #: **L103493**  
Version: **0**  
Analysis #: **377385**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	2.00 ppm
Insoluble matter	0-0.005 (%)	0.00 %
Iron(Fe)	0-5 (ppm)	2.00 ppm
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	54.4-59.9 ( $^{\circ}$ )	54.45 $^{\circ}$
Ignition Residue (as sulfate)	0-0.03 (%)	0.02 %
Water by Karl Fischer	0-1 (%)	0.51 %
Appearance (L103493)	white powder	White powder
Dextrose	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager