

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-22 09:23:59
 Date of Next Testing: 2029-07-21 09:23:59
 Product Name: **D-(+)-Maltose monohydrate**
 CAS Number: 6363-53-7
 Specifications & Purity: BioReagent, ≥99%(HPLC)
 Lot #: G2616012
 SKU #: **D755672**
 Version: **1**
 Analysis #: **708934**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	99-100 (%)	99.76000 %
Water by Karl Fischer	4.5-6.5 (%)	5.24000 %
Impurity: Glucose	0-0.3 (%)	0.00000 %
Impurity(Maltotriose)	0-1 (%)	0.10000 %
Residue on ignition(Ash)	0-0.1 (%)	0.00000 %
Insoluble matter	0-0.1 (%)	0.00000 %
Sulfate(SO4)	0-0.005 (%)	0.00000 %
Chloride Content	0-0.003 (%)	0.00000 %
Aluminum(Al)	0-0.0005 (%)	0.00000 %
Phosphorus (P)	0-0.0005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Copper(Cu)	0-0.0005 (%)	0.00000 %
Zinc(Zn)	0-0.0005 (%)	0.00000 %
Calcium(Ca)	0-0.0005 (%)	0.00000 %
Magnesium(Mg)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.005 (%)	0.00000 %
Potassium(K)	0-0.005 (%)	0.00000 %
Ammonia (NH4)	0-0.05 (%)	0.00000 %
Appearance(D755672)	White Powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless , Clear , 1M	pass	Pass



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager