

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **D-(+)-Maltose monohydrate**
Specifications & Purity: **BioReagent, ≥99%(HPLC)**
SKU #: **D755672**

Parameter	Limit Values
Appearance(D755672)	White Powder
Purity(HPLC area)	99-100 (%)
Infrared spectrum	Conforms to Structure
Solubility in H ₂ O , Colorless , Clear , 1M	pass
Water by Karl Fischer	4.5-6.5 (%)
Impurity: Glucose	0-0.3 (%)
Impurity(Maltotriose)	0-1 (%)
Residue on ignition(Ash)	0-0.1 (%)
Insoluble matter	0-0.1 (%)
Sulfate(SO ₄)	0-0.005 (%)
Chloride Content	0-0.003 (%)
Aluminum(Al)	0-0.0005 (%)
Phosphorus (P)	0-0.0005 (%)
Lead (Pb)	0-0.001 (%)
Iron(Fe)	0-0.0005 (%)
Copper(Cu)	0-0.0005 (%)
Zinc(Zn)	0-0.0005 (%)
Calcium(Ca)	0-0.0005 (%)
Magnesium(Mg)	0-0.0005 (%)
Sodium(Na)	0-0.005 (%)
Potassium(K)	0-0.005 (%)
Ammonia (NH ₄)	0-0.05 (%)