



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-23 17:13:44

Date of Next Testing: 2029-07-22 17:13:44

Product Name: **Maltose monohydrate**

CAS Number: 6363-53-7

Specifications & Purity: PharmPure™

Lot #: GMG2616228

SKU #: **M774661**

Version: **4**

Analysis #: **744906**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
PH(10% in water)	4-5.5	4.40000
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)(dry basis)	126-131 (°)	127.39944 °
Chloride (Cl ⁻)	0-0.018 (%)	0.00000 %
Sulfate(SO ₄)	0-0.024 (%)	0.00000 %
Heavy metals(as Pb)	0-0.0004 (%)	0.00000 %
Arsenic(As)	0-1.3 (ppm)	0.00300 ppm
Water by Karl Fischer	4.5-6.5 (%)	5.36000 %
Residue on Ignition	0-0.05 (%)	0.01000 %
Total aerobic bacteria count	0-1000 (cfu/g)	0.00000 cfu/g
Total number of molds and yeasts	0-100(cfu/g)	0.00000 cfu/g
Nitrogen content	0-0.01 (%)	0.00000 %
Methanol	0-3000 (ppm)	19.00000 ppm
Purity(HPLC)	98-100 (%)	99.78761 %
Loss on drying(80°C,4h)	0-0.5 (%)	0.11965 %
Identity (IR)	passes test	Passes test
Identity(color test)	passes test	Passes test
Identity(Precipitation test)	passes test	Passes test
Appearance of solution (color)	passes test	Passes test
Residual solvents (ICH Q3C)(excluded by production process)	Pass	Pass
Dextrin, Starch, and Sulfite	Pass	Pass
E.coli absent in 1g	Pass	Pass



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager