

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-22 09:16:29

Date of Next Testing: 2027-08-22 09:16:29

Product Name: **Maltose solution**

CAS Number: 69-79-4

Specifications & Purity: BioReagent, Suitable for molecular biology, ~20% in H₂O

Lot #: H2512491

SKU #: **M120965**

Version: **2**

Analysis #: **563301**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.357-1.363	1.36100
Concentration	19-21 (%)	20.00000 %
Aluminium(Al)	0-1 (ppm)	0.35000 ppm
Barium(Ba)	0-1 (ppm)	0.35000 ppm
Bismuth(Bi)	0-1 (ppm)	0.35000 ppm
Calcium(Ca)	0-20 (ppm)	2.36500 ppm
Cadmium(Cd)	0-1 (ppm)	0.35000 ppm
Cobalt(Co)	0-1 (ppm)	0.35000 ppm
Chromium(Cr)	0-1 (ppm)	0.35000 ppm
Copper(Cu)	0-1 (ppm)	0.35000 ppm
Iron(Fe)	0-1 (ppm)	0.35000 ppm
Potassium(K)	0-20 (ppm)	2.63500 ppm
Lithium(Li)	0-1 (ppm)	0.35000 ppm
Magnesium(Mg)	0-10 (ppm)	2.36500 ppm
Manganese(Mn)	0-1 (ppm)	0.35000 ppm
Molybdenum(Mo)	0-1 (ppm)	0.35000 ppm
Sodium(Na)	0-20 (ppm)	2.56300 ppm
Nickel(Ni)	0-1 (ppm)	0.35000 ppm
Lead(Pb)	0-1 (ppm)	0.35000 ppm
Strontium(Sr)	0-1 (ppm)	0.35000 ppm
Zinc(Zn)	0-1 (ppm)	0.35000 ppm
Arsenic traces(MHS-AAS)	0-0.05 (ppm)	0.00236 ppm
Total sulfur as SO ₄ (ICP)	0-50 (ppm)	1.36500 ppm
Appearance (M120965)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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

John Su
QA & QC Manager