

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-17 09:55:18

Date of Next Testing: 2026-05-07 09:55:18

Product Name: **Maltol**

CAS Number: 118-71-8

Specifications & Purity: $\geq 99\%$

Lot #: D2430008

SKU #: **M107518**

Version: **1**

Analysis #: **120041**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
(As)Arsenic	0-3 (ppm)	1.30000 ppm
Ignition Residue (as sulfate)	0-0.2 (%)	0.13000 %
Melting point	161-165 (°C)	163.48000 °C
Purity(Neutralization titration)	98.5-101.5 (%)	99.70000 %
Purity(GC)	99-100 (%)	99.44600 %
Heavy metal (as Pb)	0-10 (ppm)	5.00000 ppm
Water by Karl Fischer	0-0.5 (%)	0.23000 %
Appearance (M107518)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , colorless to yellow,clear to slightly hazy,5%	pass	Pass



John Su
QA & QC Manager