

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-06 16:25:59

Date of Next Testing: 2027-01-27 16:25:59

Product Name: **Maltol**

CAS Number: 118-71-8

Specifications & Purity: $\geq 99\%$

Lot #: A2517323

SKU #: **M107518**

Version: **1**

Analysis #: **456480**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	161-165 (°C)	164.17000 °C
Purity(Neutralization titration)	98.5-101.5 (%)	98.65000 %
Purity(GC)	99-100 (%)	99.77000 %
Water by Karl Fischer	0-0.5 (%)	0.16070 %
Appearance (M107518)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in CHCL ₃ , colorless to yellow,clear to slightly hazy,5%	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager