

Certificate of Analysis

Date of Testing: 2025-05-30 10:42:08
Date of Next Testing: 2029-05-29 10:42:08
Product Name: **D-(+)-Maltose monohydrate**
CAS Number: 6363-53-7
Specifications & Purity: AR, ≥97%
Lot #: E2523035
SKU #: **M104815**
Version: **1**
Analysis #: **519086**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-0.0001 (%)	0.00 %
Sulfate Ash	0-0.1 (%)	0.00 %
Purity(HPLC)	97-100 (%)	99.67000 %
Glucose (TLC)	0-1 (%)	0.10 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Water by Karl Fischer	4.8-5.8 (%)	5.46 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)(after drying)	135-139 (°)	137.80 °
Appearance (M104815)	white crystal or crystal powder	white crystal or crystal powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager