



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-280954
Lot Number: SAMPLE
Product Name: D-Maltose, Monohydrate
CAS Number: 6363-53-7
Molecular Formula: $C_{12}H_{22}O_{11} \cdot H_2O$
Molecular Weight: 360.3

Test	Result
Appearance	White Crystalline Powder
Purity (HPLC)	94.1 %
Purity (TLC)	Complies
Solubility	Clear Colorless Solution (10.0% in distilled water)
Optical Rotation ($\alpha_{20/D}$)	+ 136.6 ° (C = 2 in H ₂ O)
Related Substances	Glucose: 1.6 %
Sulfated Ash	0.01 %
Water Content (KF)	5.4 %
Mold/Yeast	< 10 per g

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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