



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-294150
Lot Number: SAMPLE
Product Name: D-(+)-Melibiose Monohydrate
CAS Number: 585-99-9
Molecular Formula: $C_{12}H_{22}O_{11} \cdot H_2O$
Molecular Weight: 360.31

Test	Specification	Result
Purity (HPLC)	$\geq 99\%$ (CAD)	100.0%
Specific Rotation ($\alpha_{20/D}$)	+132 - +139° (c = 2, H ₂ O)	+135°
Water Content	4.0 - 6.0%	5.1%

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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