



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-218609
Lot Number: SAMPLE
Product Name: Isomaltitol
CAS Number: 534-73-6
Molecular Formula: $C_{12}H_{24}O_{11}$
Molecular Weight: 344.31

Test	Specification	Result
Appearance	White powder or solid	White powder
Identification (1H -NMR)		Consistent with structure
LCMS		Complies
Purity (HPLC)		6-O-alpha-D-Glucopyranosyl-D-glucitol: 52.1% 1-O-alpha-D-Glucopyranosyl-D-mannitol: 47.9%
Melting Point	131 - 141 °C	Complies
Heavy Metals	≤ 10 ppm	Complies
Loss on Drying	$\leq 0.5\%$	0.4%

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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