



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-204430
Lot Number: SAMPLE
Product Name: β -Cyclodextrin
CAS Number: 7585-39-9
Molecular Formula: $C_{42}H_{70}O_{35}$
Molecular Weight: 1135

Test	Specification	Result
Appearance	White crystalline powder	Complies
Purity	98.0 - 102.0%	99.8%
pH	5.0 - 8.0	6.91
Residue on Ignition	$\leq 0.1\%$	0.078%
Specific Rotation	$+159^{\circ} - +164^{\circ}$	$+161.2^{\circ}$
Heavy Metals	≤ 10 ppm	Complies
Arsenic	≤ 2 ppm	Complies
Reducing Sugars	$\leq 0.1\%$	Complies
Water Content	$\leq 14\%$	10.9%

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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