



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-218008
Lot Number: SAMPLE
Product Name: D-(+)-Talose
CAS Number: 2595-98-4
Molecular Formula: $C_6H_{12}O_6$
Molecular Weight: 180.16

Test	Specification	Result
Appearance	White crystalline powder	Complies
Purity (HPLC)	$\geq 99\%$	99.8%
Melting Point	$\geq 125\text{ }^{\circ}\text{C}$	129.5 - 132.5 $^{\circ}\text{C}$
Optical Rotation ($\alpha_{20/D}$)	+20.0 - 22.0 $^{\circ}$	+20.95 $^{\circ}$
Heavy Metals	No single component > 0.0005%	Complies
Sulfated Ash	$\leq 0.1\%$	0.06%
Water Content (KF)	$\leq 0.5\%$	0.05%

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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