



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-282355
Lot Number: SAMPLE
Product Name: 1,4-D-Xylobiose
CAS Number: 6860-47-5
Molecular Formula: $C_{10}H_{18}O_9$
Molecular Weight: 282.24

Test	Specification	Result
Appearance (Color)		White, crystalline solid; not hygroscopic at room temperature
Identification (HPLC)		Complies
Identification (TLC) (1)		$R_f = 0.33$, one spot
Identification (TLC) (2)		$R_f = 0.46$, one spot
Melting Point	186 - 187 °C	188 - 189 °C
Solution (Color)		Colorless, clear solution in water
Specific Rotation		-25.5°

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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