



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-257033
Lot Number: SAMPLE
Product Name: α -D-Glucopyranose pentabenzate
CAS Number: 22415-91-4
Molecular Formula: $C_{41}H_{32}O_{11}$
Molecular Weight: 700.69

Test	Result
Appearance	White crystalline powder
Identification (Infrared Spectrum)	Consistent with standard
Purity (HPLC)	98.6%
Purity (TLC)	Single spot
Melting Point	183 - 185 °C
Solubility	Soluble in Chloroform and insoluble in water
Optical Rotation ($\alpha_{20/D}$)	+127.3°
Water Content (KF)	0.2%

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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