



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-283249
Lot Number: SAMPLE
Product Name: 2-Nitrophenyl b-D-galactopyranoside
CAS Number: 369-07-3
Molecular Formula: $C_{12}H_{15}NO_8$
Molecular Weight: 301.2

Test	Result
Appearance	Off-white powder
Identification (FTIR)	Consistent with structure
Purity (HPLC)	99.73%
Solution	Clear, pale yellow (1% in water)
Specific Rotation ($\alpha_{20/D}$)	-67.84° (c = 1 in water)
Water Content (KF)	0.29%

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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