



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-220974
Lot Number: SAMPLE
Product Name: 4-Nitrophenyl β -L-arabinopyranoside
CAS Number: 72732-54-8
Molecular Formula: $C_{11}H_{13}NO_7$
Molecular Weight: 271.22

Test	Specification	Result
Appearance	White to faint yellow powder	White powder
Identification (1H -NMR)	Consistent with structure	Complies
Purity (TLC)	$\geq 98\%$	98%
Solution (Color)	Colorless to faint yellow	Colorless
Solution (Turbidity)	Clear	Complies
Impurity	Free P-Nitrophenol: $\leq 0.05\%$	0.00%
Carbon Content	47.5 - 50.0%	48.4%
Nitrogen Content	5.0 - 5.3%	5.0%

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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