



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-216986
Lot Number: SAMPLE
Product Name: 4-Nitrophenyl α -L-arabinopyranoside
CAS Number: 1223-07-0
Molecular Formula: $C_{11}H_{13}NO_7$
Molecular Weight: 271.22

Test	Specification	Result
Appearance (Color)	White to white w/ yellow cast	White w/ light yellow cast
Appearance (Form)	Powder	Powder
Identification (NMR)	Complies with structure	Complies
Purity (TLC)	$\geq 98.00 \%$	99.50 %
Solubility	19.60 - 20.40 mg/ml	20.00 mg/ml
Solution (Color)	Yellow to yellow-green	Light yellow
Solution (Turbidity)	Clear	Clear
Carbon	48.20 - 49.20 %	48.62 %
Nitrogen	4.80 - 5.60 %	5.14 %
Water Content (KF)	$\geq 0.00 \%$	0.34 %

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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