



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-221007
Lot Number: SAMPLE
Product Name: 5-Bromo-3-indolyl β -D-galactopyranoside
CAS Number: 97753-82-7
Molecular Formula: $C_{14}H_{16}BrNO_6$
Molecular Weight: 374.18

Test	Specification	Result
Appearance	White to off white powder	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 98\%$	100%
Solubility	Colorless and clear solution at 50 mg/ml in DMF	Complies
Carbon Content	43.8 - 45.4%	44.8%
Nitrogen Content	3.3 - 4.0%	3.6%
Water Content (KF)	$\leq 3.0\%$	0.7%

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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