



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-221092
Lot Number: SAMPLE
Product Name: 6-Chloro-3-indolyl- β -D-galactopyranoside
CAS Number: 138182-21-5
Molecular Formula: $C_{14}H_{16}ClNO_6$
Molecular Weight: 329.73

Test	Specification	Result
Appearance	Off-white to pale pink powder	Off-white powder
Identification (Infrared Spectrum)	Conforms to structure	Complies
Optical Rotation ($\alpha_{20/D}$)	-40.0 - -50.0°	-44.87°
Sulfated Ash	$\leq 0.5\%$	0.15%
Water Content (KF)	$\leq 1.0\%$	0.22%

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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