



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-284558  
Lot Number: SAMPLE  
Product Name: 5-Bromo-4-chloro-3-indolyl- $\alpha$ -L-fucopyranoside  
CAS Number: 171869-92-4  
Molecular Formula:  $C_{14}H_{15}BrClNO_5$   
Molecular Weight: 392.64

Test	Specification	Result
Appearance	White to slightly off-white powder	Slightly off-white powder
Identification (FTIR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 98\%$	99.8%
Melting Point		180.4 - 182.0 °C
Solubility	Clear, colorless to slightly yellow solution (5% in DMF)	Complies
Specific Rotation ( $\alpha_{20/D}$ )	-144.0 $\pm$ 2° (c=1, ethyl acetate)	-145.6°
Water Content (KF)	$\leq 0.5\%$	0.2%

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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