



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-221013
Lot Number: SAMPLE
Product Name: 5-Bromo-4-chloro-3-indolyl phosphate dipotassium salt
CAS Number: 102185-49-9
Molecular Formula: $C_8H_4BrClNO_4PK_2$
Molecular Weight: 402.65

Test	Specification	Result
Appearance	White to light beige powder	Off-white powder
Purity (HPLC)	$\geq 99.0\%$	99.7%
Solubility	Clear to hazy and faint yellow to blue-green solution at 50 mg/ml in water	Light blue-green and hazy solution at 50 mg/ml in water
Solvent Content	$\leq 4\%$	2%
Carbon Content	23.1 - 24.5% (anhydrous basis)	23.7%
Nitrogen Content	3.1 - 3.7% (anhydrous basis)	3.4%
Phosphorus	7.2 - 8.2% (anhydrous basis)	7.8%
Potassium (ICP)	17.4 - 21.3% (anhydrous basis)	19.2%
Water Content (KF)	$\leq 18\%$	12%

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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