



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-219334
Lot Number: SAMPLE
Product Name: Naphthol AS-BI-phosphate, disodium salt hydrate
CAS Number: 207569-04-8
Molecular Formula: $C_{18}H_{13}BrNNa_2O_6P \cdot xH_2O$
Molecular Weight: 496.16 (anhydrous basis)

Test	Specification	Result
Appearance (Color)	White to off-white	Off-white
Appearance (Form)	Powder	Powder
Identification (Infrared Spectrum)	Complies with structure	Complies
Purity (HPLC)	$\geq 99.0 \%$	99.3 %
Solubility	50 mg/ml in water	50 mg/ml in water
Solution (Color)	Colorless to yellow	Light greenish-yellow
Solution (Turbidity)	Clear	Clear
Phosphorus (ICP)	5.9 - 7.1 % anhydrous	6.32 % anhydrous
Sodium (ICP)	7.7 - 9.6 % anhydrous	9.41 % anhydrous
Water Content	$\leq 23 \%$	9.41 %
Suitability	Suitable as a substrate for phosphatases	Suitable as a substrate for phosphatases

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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