



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-206480
Lot Number: SAMPLE
Product Name: 2-Naphthyl phosphate, monosodium salt
CAS Number: 14463-68-4
Molecular Formula: $C_{10}H_8NaO_4P$
Molecular Weight: 246.13

Test	Specification	Result
Appearance (Color)	White/colorless	White
Appearance (Form)	Powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Sodium Hydroxide Titration)	$\geq 98\%$ (anhydrous basis)	100.6%
Purity (TLC)	$\geq 98\%$	100%
Solution (Color)	Colorless at 50 mg/ml in water	Complies
Solution (Turbidity)	Clear at 50 mg/ml in water	Complies
Impurity	Beta-Naphthol: $\leq 0.1\%$	Beta-Naphthol: $< 0.1\%$
Water Content	$\leq 13\%$	0.63%

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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