



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-253179B
Lot Number: SAMPLE
Product Name: Naphthol AS-TR phosphate disodium salt
CAS Number: 4264-93-1
Molecular Formula: $C_{18}H_{13}ClNO_5P \cdot Na_2$
Molecular Weight: 435.71

Test	Specification	Result
Appearance	White to off white powder	Off white powder
Identification (1H-NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 99\%$	100%
Solubility	Clear and colorless to faint yellow at 50 mg/ml in water	Clear and very faint yellow at 50 mg/ml in water
Solvent Content (GC)	$\leq 1\%$	1%
Phosphorus	6.9 - 7.4% (Dry Basis)	7.0%
Sodium	9.5 - 11.5% (dry basis)	10.3%
Water Content (KF)	$\leq 23\%$	14%

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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