



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215539
Lot Number: SAMPLE
Product Name: Naphthol AS-MX phosphate disodium salt
CAS Number: 96189-12-7
Molecular Formula: $C_{19}H_{16}NO_5PNa_2$
Molecular Weight: 415.29

Test	Specification	Result
Appearance	White to faint yellow powder	Off-white powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 98.0\%$	99.2%
Solubility	Clear to hazy and colorless to faint yellow at 100 mg/ml in water	Hazy and faint yellow
Carbon Content	53.5 - 56.6 % (anhydrous)	54.7%
Nitrogen Content	3.0 - 3.6% (anhydrous)	3.2%
Phosphorus (ICP)	7.1 - 7.9% (anhydrous)	7.9%
Sodium (ICP)	10.0 - 12.0% (anhydrous)	11.5%
Water Content	$\leq 31.0\%$	15.1%

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com