



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252088
Lot Number: SAMPLE
Product Name: 4-(4-Nitrophenylazo)-1-naphthol
CAS Number: 5290-62-0
Molecular Formula: $C_{16}H_{11}N_3O_3$
Molecular Weight: 293.28

Test	Specification	Result
Appearance	Faint red to red powder	Red powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Identification (UV)	Consistent with requirements	Complies
Purity (TLC)		97.3%
Residue on Ignition	$\leq 0.5\%$	0.07%
Carbon Content	65.53%	64.92%
Hydrogen Content	3.78%	3.82%
Nitrogen Content	14.33%	13.86%

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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