



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202256
Lot Number: SAMPLE
Product Name: o-Phenanthroline monohydrate
CAS Number: 5144-89-8
Molecular Formula: $C_{12}H_8N_2 \cdot H_2O$
Molecular Weight: 198.22

Test	Specification	Result
Purity (HPLC)	$\geq 99.0\%$	100.0%
Purity (Nonaqueous Titration)	$\geq 99.0\%$	100.6%
Solubility	Almost transparency solution in EtOH(95vol %)	Transparency solution in EtOH(95vol%)
Water Content	8.6 - 9.6%	9.5%
Suitability	Suitability for iron-analysis	Complies

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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