



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214472A
Lot Number: SAMPLE
Product Name: Acid Blue 40
CAS Number: 6424-85-7
Molecular Formula: $C_{22}H_{16}N_3O_6S \cdot Na$
Molecular Weight: 473.43

Test	Specification	Result
Appearance	Blue-black powder	Dark blue powder
insoluble	$\leq 0.2\%$	0.08%
Solubility	Soluble in acetone, slightly soluble in alcohol	Complies
Dye Content	97.5 - 102.5%	100%
Loss on Drying	$\leq 8.0\%$ (105 °C, 1h)	6.4%

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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