



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214517B
Lot Number: SAMPLE
Product Name: Alcian Blue 8GX
CAS Number: 75881-23-1
Molecular Formula: $C_{56}H_{68}Cl_4CuN_{16}S_4$
Molecular Weight: 1298.86

Test	Specification	Result
Appearance	Dark blue powder	Complies
Solubility	0.8% in water: Clear, dark blue solution	Complies
Dye Content	$\geq 55\%$ (UV)	~81%
λ_{max}	614 - 625 nm (water)	624 nm
Loss on Drying	$\leq 20\%$	2.5%

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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