



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202966
Lot Number: SAMPLE
Product Name: β -Mercaptoethanol
CAS Number: 60-24-2
Molecular Formula: C_2H_6OS
Molecular Weight: 78.10

Test	Specification	Result
Appearance	Clear colorless liquid	Complies
Identification (1H-NMR)	Consistent with structure	Complies
Purity (GC)	$\geq 99.0\%$	99.5%
Purity (Titration)	$\geq 98.5\%$ (by $Na_2S_2O_3$)	101.5%
Solubility	Clear colorless at 1 ml/ml in water	Complies
Copper	≤ 1.0 ppm	< 0.9 ppm
Iron	≤ 1.0 ppm	< 0.9 ppm
Lead	≤ 5.0 ppm	< 2.6 ppm
Zinc	≤ 1.0 ppm	< 0.4 ppm
Cell Culture Test		Complies
Suitable for electrophoresis		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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