



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-216097B
Lot Number: SAMPLE
Product Name: MOPS, Free Acid
CAS Number: 1132-61-2
Molecular Formula: $C_7H_{15}NO_4S$
Molecular Weight: 209.26

Test	Result
Appearance	White powder
Identification (Infrared Spectrum)	Consistent with structure
Purity (Titration)	100% (Dry basis)
pH	4.3
pKa	7.2 at 25 °C
Solubility	Clear and complete (33% in Water)
A260	0.01 (1M in H ₂ O)
A280	0.01 (1M in H ₂ O)
Heavy Metals (Pb)	< 5 ppm
Loss on Drying	0.2% (140 °C, 30 min.)

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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