



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-216094  
Lot Number: SAMPLE  
Product Name: MES  
CAS Number: 4432-31-9  
Molecular Formula:  $C_6H_{13}NO_4S$   
Molecular Weight: 195.24  
Native Source: Synthetic

Test	Specification	Result
Appearance	White crystalline powder	Complies
Identification (Infrared Spectrum)	Conforms to structure	Complies
Purity (Sodium Hydroxide Titration)	$\geq 99.5\%$ (anhydrous)	99.9%
pH	2.5 - 4.0	3.1 (0.5M in H <sub>2</sub> O)
Solubility	Clear, colorless solution (20 g plus 80 mL of H <sub>2</sub> O)	Complies
A290	$\leq 0.05\%$ (20% W/W)	0.01%
Heavy Metals (Pb)	$\leq 5$ ppm	Complies
Water Content (KF)	$\leq 9\%$	7%

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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