



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-216092A  
Lot Number: SAMPLE  
Product Name: HEPES Sodium salt  
CAS Number: 75277-39-3  
Molecular Formula:  $C_8H_{17}N_2NaO_4S$   
Molecular Weight: 260.3

Test	Specification	Result
Appearance	White crystals	Complies
Assay (Dried Basis)	$\geq 99.0 \%$	100.0 %
Identification	Sodium	Complies
Identification (Infrared Spectrum)		Complies
pKa	at 20°C	7.61
Insoluble Matter	$\leq 1.0 \%$	< 0.0060 %
Loss on Drying	$\leq 3.0 \%$	1.9455 %
Iron	$\leq 0.0001 \%$	< 0.0001 %
Lead	$\leq 0.0001 \%$	< 0.0001 %
DNase	None detected	Complies
RNase	None detected	Complies
Country of Origin		China

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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