



Certificate of Analysis

Hepes Free Acid 99%

Product #: HA1002
Lot #: Typical
CAS #: 7365-45-9
Molecular Formula: $C_8H_{18}N_2O_4S$
Molecular Weight: 238.31
Storage: 15°C to 30°C

***Material is of non-animal, non-human origin.**

Test	Specification
Appearance	White coarse powder
Assay (by titration on dried basis)	GT 99.0%
Identification (by IR)	Consistent with structure
UV Absorbance (5% solution in H ₂ O) 250nm	< 0.05
Moisture Content (@ 120°C)	< 0.5%
Residue on ignition	< 0.005%
Solubility (5% solution in H ₂ O @ 25°C)	Clear and colorless
Heavy Metals (as Pb)	< 0.001%
Chloride (Cl)	< 0.005%
Sulfate (SO ₄)	< 0.005%

Approved By:

Robert J. Magada
Gojira Fine Chemicals, LLC
Vice President & Technical Director
Tel: 330-974-9505 Fax: 888-211-5523
rob@gojiraafc.com