

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	21885
Lot Number	001135-0140403
Product	MES Monohydrate 2-(N-Morpholino)ethanesulfonic acid monohydrate 2-(4-Morpholino)ethanesulfonic acid monohydrate
CAS Number	145224-94-8
Molecular Formula	C ₆ H ₁₃ NO ₄ S•H ₂ O
Molecular Weight	213.25

Appearance	White crystalline powder
Solubility	Clear colorless solution (0.1M in H ₂ O)
Cation	Sodium (Na): 1 ppm
pH	3.6 (1% in H ₂ O)
Infrared Spectrum	Conforms to structure
UV Ratios	Absorbance (0.1M in water) A ₂₆₀ nm: 0.0011 Absorbance (0.1M in water) A ₂₈₀ nm: 0.0010
Loss on Drying	8.5%
Assay by titration	99.7%
Storage	Store at 0-8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager