



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	BIO-269
Lot Number	001135-0400404
Product	2-Morpholinoethanesulfonic acid Low moisture content 2-(<i>N</i> -Morpholino)ethanesulfonic acid MES
CAS Number	4432-31-9
Molecular Formula	C ₆ H ₁₃ NO ₄ S
Molecular Weight	195.24

Appearance	White powder
Solubility	Clear and complete solution (10% in Water)
pH	3.3 (10% in H ₂ O)
pKa	6.1
Infrared Spectrum	Conforms to structure
UV Ratios	UV (10% in H ₂ O) A260 nm: 0.0058 UV (10% in H ₂ O) A280 nm: 0.0046
Loss on Drying	0.1%
Assay by titration	99.7% (anhydrous basis)
Storage	Store at RT