

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|--|
| Catalogue Number | 42457 |
| Product | MES |
| Lot Number | 001135-1421003 |
| | 2-(N-Morpholino)ethanesulfonic acid |
| 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 |
| pKa | 6.2 at 25 °C |
| Infrared Spectrum | Conforms to structure |
| UV Ratios | UV Abs. at 10% in Water : A260 nm : 0.0 A280 nm : 0.0 |
| Loss on Drying | 1% (140 °C, 30 mins) |
| Assay by titration | 99.5% (Dried basis) |
| Grade | Suitable for cell culture |
| Storage | Store at RT |
| 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