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Certificate of Analysis

Catalogue Number 00211
Lot Number 001135-0031302
Product **2-Morpholinoethanesulfonic acid**
Low moisture content

2-(N-Morpholino)ethanesulfonic acid

MES

CAS Number 4432-31-9
Molecular Formula C₆H₁₃NO₄S
Molecular Weight 195.24

Appearance White powder
Solubility Clear and complete solution (10% in Water)
Anion Sulfate (SO₄) : 0 ppm
Chlorine (Cl) : 0 ppm
Cation Iron (Fe) : 0 ppm
Sodium (Na) : 0 ppm
pH 3.3
pKa 6.1 at 25 °C
Infrared Spectrum Conforms to structure
UV Ratios Absorbance :
A₂₆₀ nm (10% in water) : 0.00
A₂₈₀ nm (10% in water) : 0.00
Loss on Drying 0.3% (140 °C at 30 mins)
Assay by titration 99.9% (On dried basis)
Storage Store at RT

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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