

## Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
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## **Specification**

## **MES Free Acid Anhydrous**

Catalog Number: MA1002 CAS Number: 4432-31-9

**Synonym(s):** 2-(N-Morpholino)ethanesulfonic acid, 4-Morpholineethanesulfonic

acid

Molecular Formula: $C_6H_{13}NO_4S$ Molecular Weight:195.24Storage: $15^{\circ}C - 30^{\circ}C$ 

**Retest Period:** Two years from the date of manufacture

Test	Specification
Appearance	White crystalline powder
Assay (Titration, Dry Basis)	≥ 99.0%
Solubility (10% solution in H <sub>2</sub> O)	Clear and colorless
pH (1% solution in H <sub>2</sub> O)	2.50 to 4.00
Moisture (LOD)	≤ 1.0%
Heavy Metals (as Pb)	≤ 5ppm
Absorbance (0.5M)	
260nm	≤ 0.04
280nm	≤ 0.02

Approved:

John Grubb

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