

Product Data Sheet

**MES, free acid,
monohydrate**

Product No. GB-CHEM-00526
Volume. 25G

Quality Profile	Specification
Appearance (Color)	White
Appearance (Form)	Crystalline Powder
Infrared Spectrum	Conforms to Reference
Solubility (Turbidity) 0.1M aqueous	Clear
Solubility (Color) 0.1M aqueous	Colorless
Solubility (Form) 0.1M aqueous	Solution
Water (by Karl Fischer)	7.9 - 8.9 %
Titration with NaOH	≥ 99.5 %
Cytotoxicity	Pass
RNAse Detection	Pass
pH 1.0% aqueous	3.5 - 4.1
Endotoxin	≤ 50 EU/g
Yeast and Mold	≤ 100 CFU/g
Protease Detection	Pass
Arsenic (As)v	≤ 3.0 ppm
Sodium (Na)	≤ 20.0 ppm

Intended Use: For research use only.

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