

# Product Specification

**ProteoSpec™ MES, Molecular Biology Grade**  
**2-(N-Morpholino)ethanesulfonic acid monohydrate**

**Lot Number:** SAMPLE

**Product Number:** RMB19101

**Date Packaged:** N/A

**Expiration Date:** N/A

## Contains

$C_6H_{12}NO_4S$  CAS No. MW 213.25

Test	Specification	Result
Absorbance at 260 nm	max 0.020 AU/cm	N/A
Absorbance at 280 nm	max 0.020 AU/cm	N/A
Appearance	White solid	N/A
Assay	min 99.6	N/A
Heavy Metals	To Pass Test	N/A
Infrared spectrum	To Pass Test	N/A
Loss on drying	max 1.00 %	N/A
Residue after Ignition	To Pass Test	N/A
Solubility	To Pass Test	N/A

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RMB19101-25C2	25 g amber glass	36 months

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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