

**Product:** MES Sodium Salt  
[2-(N-Morpholino) Ethanesulfonic Acid, Sodium Salt]  
**Catalog Number:** 45800

**Formula:** C<sub>6</sub>H<sub>12</sub>NO<sub>4</sub>SNa  
**Formula Weight:** 217.24  
**CAS Number:** 71119-23-8

**SPECIFICATION**

**Test**

**Specification**

Appearance .....	white crystalline powder
Assay (on dried basis by titration) .....	NLT 98.0%
Identification (by IR) .....	matches with known reference- IR spectrum
Loss On Drying (2 hours at 110°C) .....	NMT 3.0%
pH (1% solution in H <sub>2</sub> O at 25°C) .....	9.0 to 10.5
Sodium (Na).....	passes test
Solubility (10% solution in H <sub>2</sub> O) .....	clear and complete
Bioburden (to be tested by customer) .....	NMT 100 CFU/g

**Additional Information**

Storage Conditions ..... 15°C to 30°C  
Date of Manufacture .....