

**Product:** MOPS, Sodium Salt  
**Catalog Number:** 49150

**Formula:**  $C_7H_{14}NO_4S \cdot Na$   
**Formula Weight:** 231.24  
**CAS Number:** 71119-22-7

## SPECIFICATION

<u>Test</u>	<u>Specification</u>
Appearance .....	white crystalline powder
Assay (on dried basis, by titration) .....	NLT 99.0%
Absorbance (0.1M solution in H <sub>2</sub> O)	
260 nm.....	NMT 0.05
280 nm.....	NMT 0.03
Identification.....	positive for sodium
Loss On Drying (@ 105°C, 3 hours).....	NMT 2.0%
pH (0.1M solution in water).....	9.8 to 11.0
pKa .....	7.0 to 7.4
Solubility (5% solution in H <sub>2</sub> O).....	clear, complete and colorless
Heavy Metal (as Pb) .....	NMT 10 ppm

### Additional Information

Storage Conditions ..... 15°C to 30°C