

Product: MOPS Sodium, Ultra Biopure
Catalog Number: M2115

Formula: C₇H₁₄NO₄S•Na
Formula Weight: 231.24
CAS Number: 71119-22-7

SPECIFICATION

Test	Specification
Appearance	White crystalline powder
Assay (by titration, on dried basis)	NLT 99.0%.....
Solubility (5% solution in H ₂ O).....	Clear, complete and colorless
Identification (by IR).....	Conforms to structure.....
Loss on Drying (3 hours @ 105°C)	NMT 3.0%.....
pH (0.1M solution in water @ 20°C)	9.8 – 11.0.....
pKa (@ 20°C)	7.0 – 7.4.....
UV Absorption (0.1M @260nm)	NMT 0.05.....
UV Absorption (0.1M @280nm)	NMT 0.03.....
Heavy Metals (as Pb)	NMT 5 ppm.....
Iron (Fe)	NMT 5 ppm.....
Endotoxin (0.2% solution in H ₂ O)	NMT 0.1 EU/mL
Bioburden	NMT 100 CFU/g.....

Additional Information

Storage Conditions 15°C to 30°C
Material is of non-animal, non-human origin.