

Product: MES Sodium Ultra Biopure
Catalog Number: M1115

Formula: $C_6H_{12}NO_4S \cdot Na$
Formula Weight: 217.24
CAS Number: 71119-23-8

SPECIFICATION

Test	Specification
Appearance	White crystalline powder
Assay (by titration, on dried basis)	NLT 98.0%
Solubility (10% solution in H ₂ O).....	Clear, complete, colorless
Identification (by IR).....	Conforms to structure
Water (by Karl Fisher).....	NMT 5.0%
pH (1% solution in water)	9.0 – 10.5
UV Absorption (1M @290nm)	NMT 0.10
UV Absorption (1M @280nm)	NMT 0.05
UV Absorption (1M @260nm)	NMT 0.03
Heavy Metals (as Pb)	NMT 5 ppm
Iron (Fe)	NMT 5 ppm
Sodium (Na).....	Passes test
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.