

**Product:** TES Ultra Pure  
**Catalog Number:** T1105

**Formula:** C<sub>6</sub>H<sub>15</sub>NO<sub>6</sub>S  
**Formula Weight:** 229.25  
**CAS Number:** 7365-44-8

## SPECIFICATION

Test	Specification
Appearance .....	White crystalline powder.....
Assay (by titration, on dried basis) .....	NLT 98.0%.....
Solubility (0.1M solution in water).....	Complete, clear, colorless .....
Identification (by IR).....	Conforms to structure .....
Melting Point.....	NLT 218°C .....
Water (by KF) .....	NMT 1.0%.....
pH (1% solution I water) .....	4.2 – 4.8.....
pKa (@25°C) .....	7.2 – 7.6.....
UV Absorption (0.1M @260nm) .....	NMT 0.1 .....
Heavy Metals (as Pb) .....	NMT 5 ppm .....
Endotoxin (0.1% solution in H <sub>2</sub> O) .....	NMT 0.1 EU/mL .....
Bioburden .....	NMT 100 CFU/g.....
RNase, DNase, Nickase, Protease .....	None detected.....

### Additional Information

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