

**Product:** PIPES Disodium Salt, Ultra Biopure  
**Catalog Number:** P1135

**Formula:**  $C_8H_{16}N_2O_6S_2 \cdot Na_2$   
**Formula Weight:** 346.33  
**CAS Number:** 76836-02-7

## SPECIFICATION

Test	Specification
Appearance .....	White powder .....
Assay (by titration, on dried basis) .....	NLT 99.0% .....
Identification (by IR) .....	Conforms to structure .....
Loss on Drying (3 hours @ 110°C) .....	NMT 8.0% .....
pH (0.1M solution in water at 25°C) .....	10.0 – 11.5 .....
pKa (@ 20°C) .....	6.65 – 6.95 .....
UV Absorption (1M @260nm) .....	NMT 0.1 .....
Heavy Metals (as Pb) .....	NMT 5 ppm .....
Sodium (Na).....	13% – 13.60%.....
Endotoxin (0.1% solution in H <sub>2</sub> 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.