



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

### **TECHNICAL DATA SHEET / Specification Sheet**

#### **1-Hexanesulphonic acid sodium salt anhydrous, HPLC**

Molecular Formula :  $C_6H_{13}NaO_3S$   
Molecular Weight : 188.22  
CAS No. : 2832-45-3  
Shelf Life : 5 years

#### **Technical Specification**

Appearance : White crystals or powder or solid  
Solubility : 100 mg soluble in 1 mL of water  
FTIR (KBr disc) : Matches with the standard pattern  
UV Absorption 1 :  $\leq 0.15$  (c = 0.005 M in water at 200 nm)  
UV Absorption 2 :  $\leq 0.06$  (c = 0.005 M in water at 220 nm)  
UV Absorption 3 :  $\leq 0.008$  (c = 0.005 M in water at 250 nm)  
Loss on drying (at 150°C, 2 hr) :  $\leq 2.0\%$   
Assay (Cation-exchange T, on dry basis) : 99.00 - 102.00%