



## UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

### **Product Information**

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

#### **1- Decanesulfonic Acid Sodium Salt Anhydrous HPLC**

Synonym	: 1-Decane sulphonic acid, sodium salt, HPLC
Molecular Formula	: $C_{10}H_{21}NaO_3S$
Molecular Weight	: 244.33
CAS No.	: 13419-61-9
Shelf Life	: 5 years

#### **Technical Specification**

Appearance	: White to cream crystals or powder
Solubility	: 33.3 mg soluble in 1 mL of water
pH ( 10% in water at 25°C )	: 5.50 - 7.50
Transmittance (0.005 mol/L at 250 nm)	: $\geq 98.00\%$
UV absorption	: $\leq 0.15$ (at 200 nm, 0.005 mol/L in water) $\leq 0.05$ (at 220 nm, 0.005 mol/L in water)
Loss on drying (at 120°C)	: $\leq 2.0\%$
Assay (T)	: min. 99.00 %