

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	: ≤ 0.15 (at 200 nm, 0.005 mol/L in water) ≤ 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 %