



UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

1-Heptanesulphonic acid sodium salt anhydrous, for HPLC

Synonym : Sodium 1-heptanesulfonate
Molecular Formula : $C_7H_{15}O_3SNa$
Molecular Weight : 202.25
CAS No. : 22767-50-6
Shelf Life : 5 years

Technical Specification

Appearance : White crystals or powder or flakes
Solubility : 100 mg soluble in 1 mL of water
pH (10% in water at 25°C) : 5.50 - 7.50
FTIR (KBr disc) : Matches with the standard pattern
UV Absorption 1 : ≤ 0.15 (c = 0.005 M in water at 200 nm)
UV Absorption 2 : ≤ 0.15 (c = 0.005 M in water at 220 nm)
UV Absorption 3 : ≤ 0.008 (c = 0.005 M in water at 250 nm)
Loss on drying (at 120°C, 1 hr) : $\leq 3.0\%$
Assay (Cation-exchange T, on dry basis) : 99.00 - 102.00%