

Product Information

TECHNICAL DATA SHEET / Specification Sheet

1-Pentanesulfonic Acid Sodium Salt Anhydrous HPLC

Molecular Formula : CH₃(CH₂)₄SO₃Na
Molecular Weight : 1174.19
CAS No. : 22767-49-3
Shelf Life : 5 years

Technical Specification

Appearance : White crystals or powder
Solubility : 33.3 mg soluble in 1 mL of water
pH (10% in water at 25°) : 5.50 - 7.50
FTIR (KBr disc) : Matches with the standard pattern
UV absorbance 1 : ≤ 0.15 (0.005M in H₂O at 210 nm)
UV absorbance 2 : ≤ 0.05 (0.005M in H₂O at 230 nm)
UV absorbance 3 : ≤ 0.02
(0.005M in H₂O at 260 nm) Assay (NaOH T, after
ion exchange) : min. 99.00 %