

Product Information

TECHNICAL DATA SHEET / Specification Sheet

1-Hexanesulphonic acid sodium salt anhydrous, HPLC

Molecular Formula	: C ₆ H ₁₃ Na O ₃ S
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	: <= 0.15 (c = 0.005 M in water at 200 nm)
UV Absorption 2	: <= 0.06 (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 150°C, 2 hr)	: <= 2.0%
Assay (Cation-exchange T, on dry basis)	: 99.00 - 102.00%