

## 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	: $\leq 0.15$ (c = 0.005 M in water at 200 nm)
UV Absorption 2	: $\leq 0.15$ (c = 0.005 M in water at 220 nm)
UV Absorption 3	: $\leq 0.008$ (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%