

1-heptanesulphonic acid sodium salt

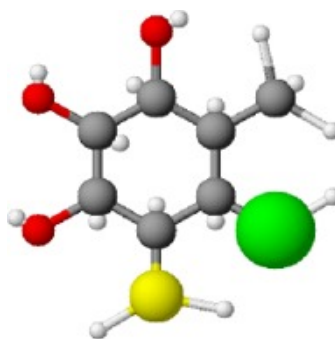
cas 22767-50-6

H1075NN Gold Line

monohydrate

Typical analysis

Assay	98%
Aluminium (Al)	0.0005%
Ammonium (NH ₄)	0.05%
Calcium (Ca)	0.0005%
Chloride (Cl)	0.05%
Copper (Cu)	0.0005%
Insoluble matter	0.1%
Iron (Fe)	0.0005%
Lead (Pb)	0.001%
Loss on drying (120°C)	max 2%
Magnesium (Mg)	0.0005%
Phosphorus (P)	0.001%
Potassium (K)	0.005%
UV transmission (0.005 mol/l, 1 cm, 250 nm)	min 98%
Zinc (Zn)	0.0005%

**Packaging**

25g white plastic jar

Physical properties, composition and data

Chemical formula	CH ₃ (CH ₂) ₆ .SO ₃ Na.H ₂ O or C ₇ H ₁₅ NaO ₃ S.H ₂ O
Chemical group	Salts
Synonym	Sodium 1-heptylsulphonate
Atomic weight	220.26
Appearance	White crystalline powder
Solubility	Soluble in water
Melting point	>300°C
Density (g/ml)	Bulk: 391 kg/m ³
pH (aqueous solution)	5.5 - 7.5
Incompatible substances	Strong acids
Products of decomposition	Toxic fumes of carbon monoxide, carbon dioxide and sulphur oxides

Laboratory preparation, applications and practices

Usage Ion-pair chromatography. Analysis of peptides and proteins

Storage and handling information

Disposal methods 16

Transport regulations

Tariff code 2904.10.00

