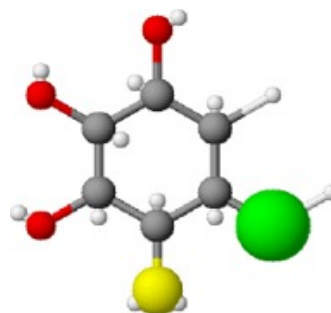


# 1-hexanesulphonic acid sodium salt

cas 2832-45-3

**H1096NN Gold Line****Typical analysis**

Assay	min 98%
Aluminium (Al)	0.0005%
Ammonium (NH <sub>4</sub> )	0.05%
Calcium (Ca)	0.0005%
Chloride (Cl)	0.1%
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 <sub>3</sub> (CH <sub>2</sub> ) <sub>5</sub> SO <sub>3</sub> Na.H <sub>2</sub> O or C <sub>6</sub> H <sub>13</sub> O <sub>3</sub> SNa.H <sub>2</sub> O
Chemical group	Salts
Synonym	Sodium 1-hexylsulfonate
Atomic weight	188.22
Appearance	White powder
Solubility	Soluble in water
Melting point	>300°C
Incompatible substances	Strong acids
Products of decomposition	Toxic fumes of carbon monoxide, carbon dioxide and sulphur oxides
pH (aqueous solution)	5.5 - 7.5

**Laboratory preparation, applications and practices**

Usage lon-pair chromatography

**Storage and handling information**Safety phrases 24/25  
Disposal methods 16**Transport regulations**

Tariff code 2904.10.00