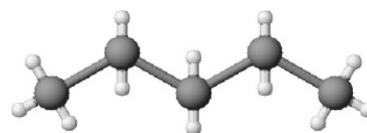


**P1828NN Gold Line****Typical analysis**

Assay	min 98%
Aluminium (Al)	0.0005%
Ammonium (NH <sub>4</sub> )	0.05%
Calcium (Ca)	0.0005%
Chloride (Cl)	0.05%
Copper (Cu)	0.005%
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>4</sub> SO <sub>3</sub> Na or C <sub>5</sub> H <sub>12</sub>
Synonym	n-Amylsulphonic acid sodium salt; Sodium 1-pentanesulphonate
Atomic weight	192.20
Chemical group	Salts
Appearance	White powder
Solubility	Soluble in water (0.5M at 20 °C)
Melting point	> 300 °C
pH (aqueous solution)	5.5 - 7.5
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**

Storage	Keep container tightly closed
Safety phrases	22-24/25
Risk phrases	36/37
Disposal methods	16

**Transport regulations**

Tariff code 2904.10.00

