

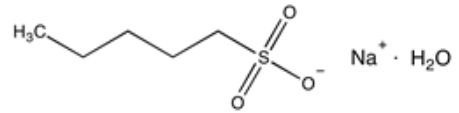
**1-Pentane sulfonic acid, sodium salt monohydrate, HPLC grade****Identification** $C_5H_{11}NaO_3S \cdot H_2O$ 

M = 192,21 g/mol

CAS [207605-40-1]

EC number: 245-208-4

Taric code: 2904 10 00

**Synonyms**

Sodium 1-pentylsulfonate monohydrate

**Applications**

analytical chemistry, chromatography.

**Specifications**

assay (acidimetric)..... min. 99 %  
identity (IR-spectrum)..... passes test  
insoluble matter..... passes test  
max. absorbance of an aqueous sol. 10 % in a 1,0 cm cell at

wavelength:..... absorbance:  
210 nm..... 0,1 AU  
220 nm..... 0,06 AU  
230 nm..... 0,04 AU  
260 nm..... 0,02 AU

**Physical data**

- Appearance: powder, white
- Solub. in water: (20 °C): freely soluble

**Transport/storage**

- 10°C - 30°C