

1-Pentane sulfonic acid, sodium salt monohydrate, HPLC grade

Identification

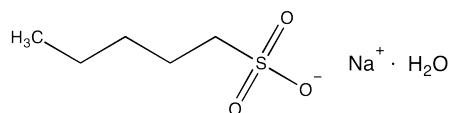
$C_5H_{11}NaO_3S \cdot H_2O$

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