

PE0097 n-Pentane, 99%, HPLC grade



assay (G.C.) . . . . . min. 99 %  
identity (IR-spectrum) . . . . . passes test  
density (20°/4°) . . . . . 0,625 - 0,627  
acidity . . . . . max. 0,0002 meq/g  
alkalinity . . . . . max. 0,0002 meq/g  
residue on evaporation . . . . . max. 0,0002 %  
water (K.F.) . . . . . max. 0,01 %

min. transmission/max. absorbance in a 1,0 cm cell at wavelength T(%) A (AU)  
210 nm . . . . . 50 % 0,301 AU  
230 nm . . . . . 90 % 0,046 AU  
240 nm . . . . . 98 % 0,010 AU  
Microfiltered through membranes of pore diameter 0,22 µm

ART. NO.	VOLUME	CONTAINER
PE00971000	1 l	0
PE00972500	2,5 l	0

PE0099 n-Pentane, 99%, for GC residue analysis



assay (G.C.) . . . . . min. 99,5 %  
identity (IR-spectrum) . . . . . passes test  
density (20°/4°) . . . . . 0,625 - 0,627  
residue on evaporation . . . . . max. 0,0001 %  
water (K.F.) . . . . . max. 0,01 %

Suitable for organohalogenated pesticide and dioxins, furans and PCBs residue analysis ECD, from 1,2,4-trichlorobenzene to decachlorobiphenyl, no peaks are obtained greater than 3 pg/ml as lindane. No peaks are obtained in vicinity of 2,4,5-trichlorobiphenyl.

ART. NO.	VOLUME	CONTAINER
PE00991000	1 l	0
PE00992500	2,5 l	0

PE0100 n-Pentane, 99%, GC ultra-trace analysis grade



assay (G.C.) . . . . . min. 99,5 %  
identity (IR-spectrum) . . . . . passes test  
density (20°/4°) . . . . . 0,625 - 0,627  
residue on evaporation . . . . . max. 0,0001 %  
water (K.F.) . . . . . max. 0,01 %

Suitable for organohalogenated pesticide and dioxins, furans and PCBs residue analysis. ECD, from 1,2,4-trichlorobenzene to decachlorobiphenyl, no peaks are obtained greater than 2 pg/ml as lindane. No peaks are obtained in vicinity of 2,4,5-trichlorobiphenyl. Suitable for highly volatile halogenated hydrocarbons trace analysis. ECD, from dichloromethane to 1,2,4-trichlorobenzene, no peaks are obtained greater than 1 ng/ml as tetrachloromethane. Suitable for pesticide and polycyclic aromatic hydrocarbons residue analysis. FID, from 1-octanol to 1-tetradecanol, no peaks are obtained greater than 2 ng/ml as 1-tetradecanol. No peaks are obtained in vicinity of pyrene.

ART. NO.	VOLUME	CONTAINER
PE01001000	1 l	0
PE01002500	2,5 l	0

PE0102 Pentane, standard substance for GC

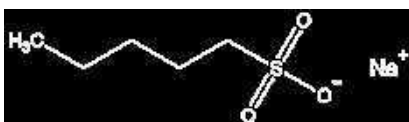


assay . . . . . 99,7 %  
over ramp . . . . . 40°C, 5°C/min 120°C, 30°C/min 200°C  
identity . . . . . IR

ART. NO.	VOLUME	CONTAINER
PE01020005	5ml	0

## 1-PENTANE SULFONIC ACID, SODIUM SALT

AC1741 1-Pentane sulfonic acid, sodium salt, HPLC grade



- Synonyms: Sodium 1-pentylsulfonate
- C<sub>5</sub>H<sub>11</sub>NaO<sub>3</sub>S
- M = 174,20 g/mol
- CAS [22767-49-3]
- EINECS-No.: 245-208-4
- Solub. in water: (20 °C): freely soluble
- Tariff number: 2904 10 00 90
- Applications: analytical chemistry, chromatography.

assay (acidimetric) . . . . . min. 99 %  
pH (10 %, H<sub>2</sub>O) . . . . . 5,5 - 7,5  
loss on drying . . . . . max. 1 %  
absorbance of an aqueous solution 0,1M in a 1cm cell at 254nm . . . . . max. 0,045 AU  
absorbance of an aqueous solution 0,005M in a 1cm cell at 200 nm . . . . . max. 0,15 %  
220 nm . . . . . max . 0,05 %

ART. NO.	VOLUME	CONTAINER
AC17410025	25 g	0
AC17410100	100 g	0