

HEPTANE, FRACTION FROM PETROLEUM

HE0120 Heptane, fraction from petroleum, EssentQ®



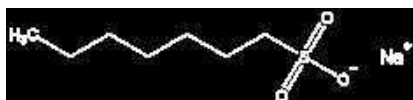
- C₇H₁₆
- M = 100,21 g/mol
- CAS [142-82-5]
- EINECS-No.: 205-563-8
- Density: 0,715 g/cm³
- Boiling point: 93 - 99 °C
- Flash pt. -4 °C
- Vapour pressure: (20 °C) 48 hPa
- Dielectric const.: (20 °C) 1,9
- EC-Index-No.: 601-008-00-2
- ADR: 3 F1 II UN 1206
- IMDG: 3 II UN 1206
- IATA/ICAO: 3 II UN 1206
- GHS-signal word: Danger
- GHS-H sentences: H225 - H304 - H400 - H410 - H315 - H336
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P321 - P405 - P501a
- Tariff number: 2901 10 00 00
- Applications: analytical chemistry, for spectroscopy.

boiling range 93 - 99 °C
 density (20°/4°) 0,680 - 0,720
 acidity max. 0,001 meq/g
 copper (Cu) max. 0,2 ppm
 iron (Fe) max. 0,5 ppm
 lead (Pb) max. 0,2 ppm
 nickel (Ni) max. 0,2 ppm
 sulfur compounds (as S) max. 0,005 %
 thiophene and homologous
 (as C₄H₄S) max. 0,0005 %
 residue on evaporation max. 0,001 %
 water (K.F.) max. 0,02 %

ART. NO.	VOLUME	CONTAINER
HE01201000	1 l	0
HE01202500	2,5 l	0
HE0120005L	5 l	0
HE0120025A	25 l	0
HE0120025S	25 l	0
HE0120030S	30 l	0
HE0120200E	200 l	0

HEPTANE SULFONIC ACID, SODIUM SALT

AC1241 1-Heptane sulfonic acid, sodium salt, HPLC grade



- Synonyms: Sodium 1-heptylsulfonate
- C₇H₁₅NaO₃S
- M = 202,25 g/mol
- CAS [22767-50-6]
- EINECS-No.: 245-210-5
- Solub. in water: (20 °C): freely soluble
- Tariff number: 2904 10 00 90
- Applications: analytical chemistry, laboratory reagent, chromatography.

assay (acidimetric) min. 99,9 %
 pH (10 %, H₂O) 5,5 - 7,5
 loss on drying max. 1 %
 absorbance of an aqueous solution
 0,1M in a 1cm cell at 254 nm 0,045 AU
 absorbance of an aqueous solution 0,005 M in a 1 cm
 cell at
 200 nm max. 0,15 AU
 220 nm max. 0,05 AU

ART. NO.	VOLUME	CONTAINER
AC12410025	25 g	0
AC12410100	100 g	0

HEPTANE SULFONIC ACID, SODIUM SALT MONOHYDRATE

AC1242 1-Heptane sulfonic acid, sodium salt monohydrate, HPLC grade



- Synonyms: Sodium 1-heptylsulfonate monohydrate
- C₇H₁₅NaO₃S·H₂O
- M = 220,26 g/mol
- CAS [207300-90-1]
- EINECS-No.: 245-210-5
- Solub. in water: (20 °C): freely soluble
- Tariff number: 2904 10 00 90
- Applications: analytical chemistry, laboratory reagent, chromatography.

assay (acidimetric) min. 99 %
 identity (IR-spectrum) passes test
 insoluble matter passes test
 max. absorbance of an aqueous sol. 0,25 M in a 1 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

ART. NO.	VOLUME	CONTAINER
AC12420025	25 g	0
AC12420100	100 g	0

A
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