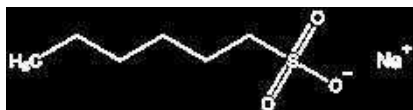


1-HEXANE SULFONIC ACID, SODIUM SALT

AC1246 1-Hexane sulfonic acid, sodium salt, HPLC grade



- Synonyms: Sodium 1-hexylsulfonate
- $C_6H_{13}NaO_3S$
- $M = 188,22 \text{ g/mol}$
- CAS [2832-45-3]
- EINECS-No.: 220-601-3
- Tariff number: 2904 10 00 90
- Applications: analytical chemistry, chromatography.

assay (acidimetric) min. 99 %
pH (10 %, H_2O) 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 AU
220 nm max. 0,05 AU

ART. NO.	VOLUME	CONTAINER
AC12460025	25 g	0
AC12460100	100 g	0

1-HEXANE SULFONIC ACID, SODIUM SALT MONOHYDRATE

AC1247 1-Hexane sulfonic acid, sodium salt monohydrate, HPLC grade



- Synonyms: Sodium 1-hexylsulfonate monohydrate
- $C_6H_{13}NaO_4S \cdot H_2O$
- $M = 206,24 \text{ g/mol}$
- CAS [207300-91-2]
- EINECS-No.: 220-601-3
- Solub. in water: (20 °C): freely soluble
- Tariff number: 2904 10 00 90
- Applications: analytical chemistry, chromatography.

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

ART. NO.	VOLUME	CONTAINER
AC12470025	25 g	0
AC12470100	100 g	0

HEXANOIC ACID

AC0680 Hexanoic acid, EssentQ®



- Synonyms: Caproic acid
- $C_6H_{12}O_2$
- $M = 116,16 \text{ g/mol}$
- CAS [142-62-1]
- EINECS-No.: 205-550-7
- Density: 0,93 g/cm³
- Solub. in water: (20 °C): sparingly miscible
- Melting point: ~ -3 °C
- Boiling point: ~ 206 °C
- Flash pt. 102 °C
- Ignition temp.: 380 °C
- Vapour pressure: (20 °C) 0,3 hPa
- Refraction index: (n 20 °C/D) 1,4162
- LD 50 (oral, rat): > 2000 mg/kg
- ADR: 8 C3 III UN 2829
- IMDG: 8 III UN 2829
- IATA/ICAO: 8 III UN 2829
- GHS-signal word: Danger
- GHS-H sentences: H311 - H314 - H302
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P361 - P405 - P501a
- Tariff number: 2915 90 80 90
- Applications: analytical chemistry, chromatography, perfumery.

assay (G.C.) min. 98 %
identity (IR-spectrum) passes test
density (20°/4°) 0,926 - 0,927
acidity index 473 - 482
iodine index max. 0,2
saponifiable impurities max. 1 %
residue on ignition max. 0,05 %

ART. NO.	VOLUME	CONTAINER
AC06801000	1 l	0

A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z