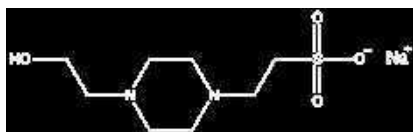


## HEPES, SODIUM SALT

HE0011 HEPES, sodium salt, molecular biology grade



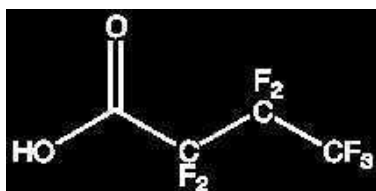
- Synonyms: N-(2-Hydroxyethyl)-piperazine-N'-(2-ethanesulfonic acid) sodium salt
- $C_{12}H_{17}N_2NaO_7S$
- $M = 260,28 \text{ g/mol}$
- CAS [75277-39-3]
- EINECS-No.: 278-169-7
- Tariff number: 2933 59 95 90
- Applications: laboratory reagent, analytical chemistry, in buffer solutions, for biology.

assay (titr. with  $HClO_4$ , referred to dried sample) ..... min. 99 %  
 identity (IR-spectrum) ..... passes test  
 absorbance of an aqueous solution (2 %) in a 1 cm cell at 250 nm ..... max. 0,06 AU  
 chlorides (Cl) ..... max. 0,005 %  
 sulfates ( $SO_4$ ) ..... max. 0,005 %  
 heavy metals (as Pb) ..... max. 5 ppm  
 loss on drying (105 °C) ..... max. 0,5 %

ART. NO.	VOLUME	CONTAINER
HE00110025	25 g	⊞

## HEPTAFLUOROBUTYRIC ACID

AC1235 Heptafluorobutyric acid, 99,5%



- Synonyms: Perfluorobutyric acid, HFBA, Edman reagent No. 3
- $C_4HF_7O_2$
- $M = 214,04 \text{ g/mol}$
- CAS [375-22-4]
- EINECS-No.: 206-786-3
- Density: 1,645 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: -17,5 °C
- Boiling point: (755mm Hg) 120 °C
- ADR: 8 C3 III UN 3265
- IMDG: 8 III UN 3265
- IATA/ICAO: 8 III UN 3265
- GHS-signal word: Danger
- GHS-H sentences: H314
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2915 90 80 90
- Applications: synthesis of organic products.

assay (acidimetric) ..... min. 99,5 %

ART. NO.	VOLUME	CONTAINER
AC12350100	100 ml	⊞

## n-HEPTANE



- Synonyms: n-Dipropylmethane, n-Heptylhydride
- $C_7H_{16}$
- $M = 100,21 \text{ g/mol}$
- CAS [142-82-5]
- EINECS-No.: 205-563-8
- Density: 0,68 g/cm<sup>3</sup>
- Solub. in water: (20 °C): almost non-miscible
- Melting point: -90,6 °C
- Boiling point: 98,4 °C
- Flash pt. -4 °C
- Ignition temp.: 215 °C
- Vapour pressure: (20 °C) 48 hPa
- Refraction index: (n 20 °C/D) 1,3876
- Dielectric const.: (20 °C) 1,9

- LD 50 (oral, rat): > 15000 mg/kg
- 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, as gasoline additive.

HE0123 n-Heptane, 95%, EssentQ®



assay (G.C.) ..... min. 95 %  
 density (20°/4°) ..... 0,683 - 0,685  
 residue on evaporation ..... max. 0,003 %  
 water (K.F.) ..... max. 0,02 %

ART. NO.	VOLUME	CONTAINER
HE01231000	1 l	⊞
HE01232500	2,5 l	⊞

ART. NO.	VOLUME	CONTAINER
HE0123005L	5 l	⊞
HE0123025L	25 l	⊞

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