

1-PENTANE SULFONIC ACID, SODIUM SALT MONOHYDRATE

AC1745 1-Pentane sulfonic acid, sodium salt monohydrate, HPLC grade



- Synonyms: Sodium 1-pentylsulfonate monohydrate
- $C_5H_{11}NaO_3S \cdot H_2O$
- $M = 192,21 \text{ g/mol}$
- CAS [207605-40-1]
- 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 %
 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
AC17450025	25 g	0
AC17450100	100 g	0

PEPSIN 1:3000

PE0120 Pepsin 1:3000, Pharmpur®, NF



- Synonyms: Puerzym
- CAS [9001-75-6]
- EINECS-No.: 232-629-3
- Solub. in water: (20 °C): soluble
- EC-Index-No.: 647-008-00-6
- GHS-signal word: Danger
- GHS-H sentences: H334 - H335 - H315 - H319
- GHS-P sentences: P285 - P261 - P305 + P351 + P338 - P321 - P405 - P501a

- Tariff number: 3507 90 90 90
- Applications: analytical chemistry, laboratory reagent, in the pharmaceuticals industry, in food industry, in biochemistry (enzyme).

Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013

pH (5 %, H_2O) approx. 3,7
 activity 1:3000 NF
 enzymatic activity 0,5 U/mg
 Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
PE01200100	100 g	0

PEPSIN 1:10000

PE0125 Pepsin 1:10000, Pharmpur®, NF



- Synonyms: Puerzym
- CAS [9001-75-6]
- EINECS-No.: 232-629-3
- Solub. in water: (20 °C): soluble
- EC-Index-No.: 647-008-00-6
- GHS-signal word: Danger
- GHS-H sentences: H334 - H335 - H315 - H319
- GHS-P sentences: P285 - P261 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 3507 90 90 90

- Applications: analytical chemistry, laboratory reagent, in the pharmaceuticals industry, in food industry, in biochemistry (enzyme).

Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013

pH (5 %, H_2O) 3,5 - 4,5
 activity 1:10000 NF
 enzymatic activity 2 U/mg
 Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
PE01250100	100 g	0
PE01251000	1 kg	0

PERCHLORIC ACID, 70%

- $HClO_4$
- $M = 100,46 \text{ g/mol}$
- CAS [7601-90-3]
- EINECS-No.: 231-512-4
- Density: 1,68 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -18 °C

- Boiling point: 198,7 °C
- LD 50 (oral, rat): 1100 mg/kg (anhydrous substance)
- EC-Index-No.: 017-006-00-4
- ADR: 5.1 OC1 | UN 1873
- IMDG: 5.1 | UN 1873
- IATA/ICAO: 5.1 | UN 1873
- GHS-signal word: Danger

- GHS-H sentences: H271 - H314 - H302
- GHS-P sentences: P221 - P283 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2811 19 80 90
- Applications: analytical chemistry, laboratory reagent, oxidizing agent, in explosive compositions.