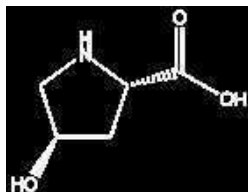


4-HYDROXY-L-PROLINE

HI0235 4-Hydroxy-L-proline, EssentQ®



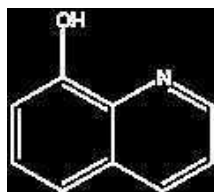
- Synonyms: L(-)-4-Hydroxypyrrolidine-2-carboxylic acid
- $C_5H_9NO_3$
- $M = 131,13 \text{ g/mol}$
- CAS [51-35-4]
- EINECS-No.: 200-091-9
- Solub. in water: (20 °C): 500 g/l
- Melting point: 274 °C
- Tariff number: 2933 99 90 90
- Applications: synthesis of organic products, laboratory reagent.

assay (titr. with $HClO_4$) min. 99 %
 identity (IR-spectrum) passes test
 specific rotation ($[\alpha]_{20}^{20} / D, c = 5, H_2O$) - 74 - - 77 °
 chlorides (Cl) max. 0,02 %
 sulfates (SO_4) max. 0,02 %
 ammonium (NH_4) max. 0,02 %
 heavy metals (as Pb) max 0,001 %
 iron (Fe) max 0,001 %
 other aminoacids. max. 0 5 %
 residue on ignition max. 0,1 %
 loss on drying (105 °C, 3 h) max. 0,2 %

ART. NO.	VOLUME	CONTAINER
HI02350005	5 g	0
HI02350025	25 g	0

8-HYDROXYQUINOLINE

HI0257 8-Hydroxyquinoline, EssentQ®



- Synonyms: Oxine, 8-Quinolinol, Hydroxybenzopyridine
- C_9H_7NO
- $M = 145,16 \text{ g/mol}$
- CAS [148-24-3]
- EINECS-No.: 205-711-1
- Solub. in water: (20 °C): insoluble
- Melting point: 73,8 °C
- Boiling point: 267 °C
- LD 50 (oral, rat): 1200 mg/kg
- GHS-signal word: Warning
- GHS-H sentences: H302
- GHS-P sentences: P264 - P270 - P330 - P301 + P312 - P501a
- Tariff number: 2933 49 90 90
- Applications: synthesis of organic products, analytical chemistry.

assay (G.C.) min. 99 %
 identity (IR-spectrum) passes test
 residue on ignition (as SO_2) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
HI02570250	250 g	0

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