





## LUGOL'S SOLUTION

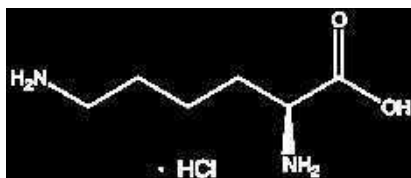
LU0010 Lugol's solution, for microscopy

- Synonyms: Iodine-potassium iodide solution suitability for microscopy . . . . . passes test
- Density: 1,01 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Boiling point: 100 °C
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, laboratory reagent, for microbiology, bacterium staining.

ART. NO.	VOLUME	CONTAINER
LU0010G100	100 ml	
LU00100500	500 ml	
LU00101000	1 l	
LU00102500	2,5 l	

## L-LYSINE MONOHYDROCHLORIDE

LI0035 L-Lysine monohydrochloride, EssentQ®



- Synonyms: L-(+)-2,6-Diamino-N-caproic acid monohydrochloride
- C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>·HCl
- M = 182,65 g/mol
- CAS [657-27-2]
- EINECS-No.: 211-519-9
- Solub. in water: (20 °C): 420 g/l
- Melting point: 263 - 264 °C
- LD 50 (oral, rat): 10000 mg/kg
- Tariff number: 2922 41 00 00
- Applications: in biochemistry, in food industry, synthesis of organic products.

assay (titr. with HClO<sub>4</sub>) . . . . . min. 99 %  
 identity (IR-spectrum) . . . . . passes test  
 specific rotation ([α]<sub>D</sub><sup>20</sup>, c = 8, HCl 6 mol/l) . . . . . + 20,5° - + 21,5°  
 heavy metals (as Pb) . . . . . max. 0,001 %  
 other ninhydrin positive substances (as glycine) . . . . . max. 0,1 %

ART. NO.	VOLUME	CONTAINER
LI00351000	1 kg	
LI0035005P	5 kg	

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