

## LEAD(II) SULFATE

PL0155 Lead(II) sulfate, EssentQ®



- PbSO<sub>4</sub>
- M = 303,25 g/mol
- CAS [7446-14-2]
- EINECS-No.: 231-198-9
- Solub. in water: (20 °C): 0,045 g/l
- Melting point: 1170 °C
- EC-Index-No.: 082-001-00-6
- ADR: 8 C2 II UN 1794
- IMDG: 8 II UN 1794
- IATA/ICAO: 8 II UN 1794

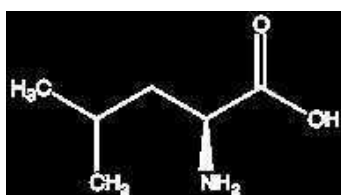
- GHS-signal word: Danger
- GHS-H sentences: H360Df - H373 - H400 - H410 - H302 - H332 - EUH201
- GHS-P sentences: P260 - P261 - P281 - P304 + P340 - P405 - P501a
- Tariff number: 2833 29 70 00
- Applications: analytical chemistry, pigment, electrolyte for batteries.

assay (complexometric) . . . . . min. 98 %  
insoluble in NH<sub>4</sub>CH<sub>3</sub>COO . . . . . max. 0,1 %  
chlorides (Cl) . . . . . max. 0,01 %  
iron (Fe) . . . . . max. 0,005 %

ART. NO.	VOLUME	CONTAINER
PL01550500	500 g	⊞

## L-LEUCINE

LE0055 L-Leucine, extra pure, Pharpur®, Ph Eur, BP, USP



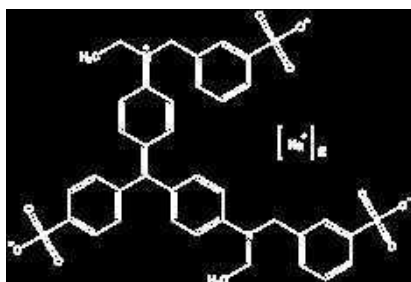
- Synonyms: 2-Amino-4-methylvaleric acid, α-Aminoisocaproic acid, 2-Amino-4-methylpentanoic acid
- C<sub>6</sub>H<sub>13</sub>NO<sub>2</sub>
- M = 131,18 g/mol
- CAS [61-90-5]
- EINECS-No.: 200-522-0
- Solub. in water: (20 °C): 24 g/l
- Melting point: 300 °C (decomposes)
- Tariff number: 2922 49 95 90
- Applications: in biochemistry, in food industry, synthesis of organic products, in pharma industry.

assay (titr. with HClO<sub>4</sub>, referred to dried sample) . . . . . 98,5 - 101,0 %  
identification . . . . . passes test  
appearance of solution . . . . . passes test  
specific rotation ([α]<sub>D</sub><sup>20</sup>; c = 4, HCl 250 g/l) . . . . . +14,5° - +16,5°  
specific rotation ([α]<sub>D</sub><sup>25</sup>; c=4, HCl 6N) . . . . . + 14,9° - + 17,3°  
pH (1%, H<sub>2</sub>O) . . . . . 5,5 - 7,0  
chlorides (Cl) . . . . . max. 200 ppm  
sulfates (SO<sub>4</sub>) . . . . . max. 300 ppm  
ammonium (NH<sub>4</sub>) . . . . . max. 0,02 %  
iron (Fe) . . . . . max. 10 ppm  
ninhydrin-positive substances . . . . . passes test  
residue on ignition . . . . . max. 0,1 %  
loss on drying (105 °C) . . . . . max. 0,2 %  
Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.  
Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
LE00550025	25 g	⊞
LE00550100	100 g	⊞

## LIGHT GREEN SF YELLOWISH, C.I. 42095

VE0160 Light green SF yellowish, C.I. 42095, for microscopy



- Synonyms: Acid green 5
- C<sub>21</sub>H<sub>16</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>6</sub>S<sub>2</sub>
- M = 792,86 g/mol
- CAS [5141-20-8]
- EINECS-No.: 225-906-5
- Solub. in water: (25 °C): 200 g/l
- Melting point: 288 °C
- LD 50 (oral, rat): > 2000 mg/kg
- Tariff number: 3204 19 00 90
- Applications: manufacture of dyes, for biology, microscopy.

suitability for microscopy . . . . . passes test

ART. NO.	VOLUME	CONTAINER
VE01600025	25 g	⊞

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