

LACTOPHENOL BLUE, SOLUTION

AZ0175 Lactophenol blue, solution for microscopy



- Density: 1,18 g/cm³
- Solub. in water: (20 °C): miscible
- Flash pt. 82 °C
- ADR: 6.1 TC1 II UN 2927
- IMDG: 6.1 II UN 2927
- IATA/ICAO: 6.1 II UN 2927
- GHS-signal word: Danger
- GHS-H sentences: H314 - H341 - H373 - H302 - H332
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a

- Tariff number: 3822 00 00 00

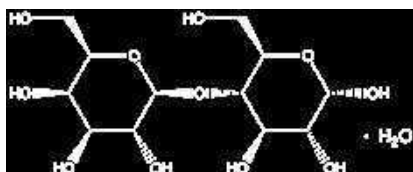
composition :

lactic acid 90 %	260 ml
phenol	260 g
glycerol	520 ml
cotton blue	0,4 g
distilled water	26 ml
suitability for microscopy	passes test

ART. NO.	VOLUME	CONTAINER
AZ0175G100	100 ml	Ⓐ

D(+)-LACTOSE MONOHYDRATE

LA0060 D(+)-Lactose monohydrate, extra pure, Phampur®, Ph Eur, BP, NF



- Synonyms: Lactobiose, Milk sugar
- C₁₂H₂₂O₁₁·H₂O
- M = 360,32 g/mol
- CAS [10039-26-6]
- EINECS-No.: 200-559-2
- Solub. in water: (20 °C): freely soluble
- Melting point: 202 °C
- Tariff number: 1702 11 00 00
- Applications: analytical chemistry, synthesis of organic products, in food industry, for pharmaceutical use, in biochemistry, nutrient media for bacterial culture, in pharma industry.

identification passes test
 appearance of solution passes test
 clarity and colour of solution passes test
 acidity or alkalinity passes test
 specific rotation ([α]_D²⁰, c = 10, NH₃ 6N, on dried sample) + 54,4° - + 55,9°
 proteins and light-absorbing impurities passes test
 microbial contamination passes test
 residue on ignition max. 0,1 %
 loss on drying (80 °C, 2 h) max. 0,5 %
 water (K.F.) 4,5 - 5,5 %
 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
LA00600500	500 g	Ⓐ
LA00601000	1 kg	Ⓐ
LA0060005P	5 kg	Ⓐ
LA0060025P	25 kg	Ⓐ

LANTHANUM(III) CHLORIDE HEPTAHYDRATE

LA0090 Lanthanum(III) chloride heptahydrate, ExpertQ®, for analysis, ACS

- LaCl₃·7H₂O
- M = 371,37 g/mol
- CAS [10025-84-0]
- EINECS-No.: 233-237-5
- Solub. in water: (20 °C): soluble
- Melting point: 91 °C (release of crystalline water)
- LD 50 (oral, rat): 4184 mg/kg (anhydrous substance)
- Tariff number: 2846 90 00 00
- Applications: analytical chemistry, laboratory reagent, desiccant (painting), catalyst (in the petrochemical industry).

assay (gravimetric) min. 98 %
 identity passes test
 insoluble in water max. 0,005 %
 sulfates (SO₄) max. 0,005 %
 calcium (Ca) max. 0,001 %
 copper (Cu) max. 3 ppm
 heavy metals (as Pb) max. 5 ppm
 iron (Fe) max. 5 ppm
 lead (Pb) max. 5 ppm
 magnesium (Mg) max. 1 ppm
 potassium (K) max. 0,001 %
 sodium (Na) max. 0,005 %
 zinc (Zn) max. 3 ppm

ART. NO.	VOLUME	CONTAINER
LA00900100	100 g	Ⓐ
LA00900250	250 g	Ⓐ