

## D(+)-GALACTOSE

GA0025 D(+)-Galactose, extra pure, Pharpur®, Ph Eur, BP



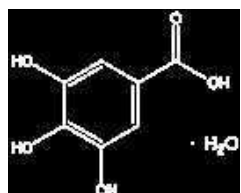
- Synonyms: Lactoglucose, D-Galactopyranose
- $C_6H_{12}O_6$
- $M = 180,16 \text{ g/mol}$
- CAS [59-23-4]
- EINECS-No.: 200-416-4
- Solub. in water: (20 °C): 650 g/l
- Melting point: 163 - 169 °C
- Tariff number: 2940 00 00 80
- Applications: analytical chemistry, in food industry, in biochemistry, nutrient media for bacterial culture, in pharma industry.

assay (HPLC) . . . . . 97,0 - 102,0 %  
 identification . . . . . passes test  
 appearance of solution . . . . . passes test  
 acidity or alkalinity . . . . . passes test  
 proteins . . . . . max. 0,1 ppm  
 barium (Ba) . . . . . passes test  
 lead (Pb) . . . . . max. 0,5 ppm  
 related substances (HPLC) . . . . . passes test  
 residue on ignition . . . . . max. 0,1 %  
 water (K.F.) . . . . . max. 1,0 %  
 microbial contamination . . . . . max. 100 cfu/g  
 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
GA00250100	100 g	0

## GALLIC ACID MONOHYDRATE

AC1180 Gallic acid monohydrate, EssentQ®



- Synonyms: 3,4,5-Trihydroxybenzoic acid
- $C_7H_6O_5 \cdot H_2O$
- $M = 188,14 \text{ g/mol}$
- CAS [5995-86-8]
- EINECS-No.: 205-749-9
- Solub. in water: (20 °C): ~ 15 g/l
- Melting point: 256 - 260 °C
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2918 29 00 90
- Applications: analytical chemistry, photography, manufacture of dyes, cosmetics.

assay (acidimetric) . . . . . min. 99,5 %  
 identity (IR-spectrum) . . . . . passes test  
 chlorides (Cl) . . . . . max. 0,01 %  
 sulfates (SO<sub>4</sub>) . . . . . max. 0,005 %  
 loss on drying (105 °C) . . . . . 7 - 10 %  
 residue on ignition . . . . . max. 0,1 %

ART. NO.	VOLUME	CONTAINER
AC11800250	250 g	0
AC11800500	500 g	0
AC1180025P	25 kg	P

## GELATINE POWDER

GE0020 Gelatine powder, for analysis and bacteriology

- Synonyms: Gelatin powder
- CAS [9000-70-8]
- EINECS-No.: 232-554-6
- Solub. in water: soluble in hot water
- Boiling point: 100 °C
- LD 50 (oral, rat): > 5000 mg/kg
- Tariff number: 3503 00 10 00
- Applications: in food industry, in the rubber industry, for pharmaceutical use, plasticizer, for microbiology, nutrient media for bacterial culture, analytical chemistry.

pH (1 %, H<sub>2</sub>O) . . . . . 3,8 - 7,6  
 sulphur dioxide (SO<sub>2</sub>) . . . . . max. 0,005 %  
 arsenic (As) . . . . . max. 1 ppm  
 heavy metals (as Pb) . . . . . max. 0,001 %  
 peroxides (as H<sub>2</sub>O<sub>2</sub>) . . . . . max. 0,01 %  
 residue on ignition . . . . . max. 2 %  
 loss on drying . . . . . max. 15 %  
 suitability for microbiology . . . . . passes test

ART. NO.	VOLUME	CONTAINER
GE00200250	250 g	0
GE00201000	1 kg	0

## GENTIAN VIOLET, CARBOL SOLUTION

V10032 Gentian violet, carbol solution, for microscopy

- Density: 0,988 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00
- Applications: microscopy, bacterium staining.

suitability for microscopy . . . . . passes test

ART. NO.	VOLUME	CONTAINER
V100320500	500 ml	0