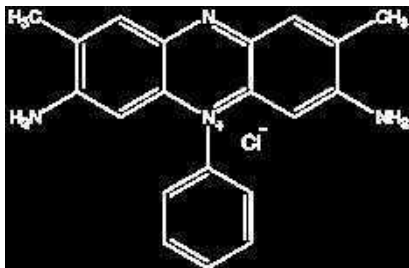


## SAFRANINE O, SOLUTION ACCORDING TO GRAM

SA0042 Safranin O, solution according to Gram



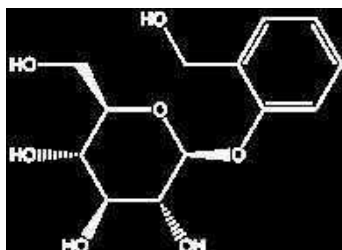
- $C_{20}H_{19}ClN_3$
- $M = 350,88$  g/mol
- CAS [477-73-6]
- EINECS-No.: 207-518-8
- Density: 0,99 g/cm<sup>3</sup>
- Solub. in water: (20 °C): soluble
- Flash pt. 49 °C
- GHS-signal word: Warning
- GHS-H sentences: H226
- GHS-P sentences: P210 - P241 - P280 - P240 - P303 + P361 + P353 - P501
- Tariff number: 3204 13 00 90
- Applications: microscopy, bacterium staining.

suitability for microscopy . . . . . passes test

ART. NO.	VOLUME	CONTAINER
SA0042G100	100 ml	Ⓜ
SA00420500	500 ml	Ⓜ
SA00421000	1 l	Ⓜ
SA00422500	2,5 l	Ⓜ

## D-SALICIN

SA0200 D-Salicin, for biochemistry



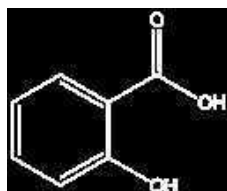
- Synonyms: 2-(Hydroxymethyl)phenyl-b-D-glucopyranoside
- $C_{16}H_{18}O_7$
- $M = 286,28$  g/mol
- CAS [138-52-3]
- EINECS-No.: 205-331-6
- Solub. in water: (15 °C): 36 g/l
- Melting point: 199 - 201 °C
- Tariff number: 2938 90 90 90
- Applications: in biochemistry, for microbiology, for pharmaceutical use.

assay (HPLC) . . . . . min. 98 %  
 specific rotation ( $[\alpha]_{20}^{D}$ ,  
 $c = 2, H_2O$ ) . . . . . -59° - - 64,5°  
 heavy metals (as Pb) . . . . . max. 0,001 %  
 residue on ignition . . . . . max. 0,1 %  
 loss on drying (110 °C) . . . . . max. 2 %  
 suitability as enzymatic substrate . . . . . passes test

ART. NO.	VOLUME	CONTAINER
SA02000025	25 g	Ⓜ

## SALICYLIC ACID

AC2002 Salicylic acid, extra pure, Pharmpur®, Ph Eur, BP, USP



- Synonyms: 2-Hydroxybenzoic acid
- $C_7H_6O_3$
- $M = 138,12$  g/mol
- CAS [69-72-7]
- EINECS-No.: 200-712-3
- Solub. in water: (20 °C): 2 g/l
- Melting point: 158-161 °C
- Boiling point: 211 °C
- Flash pt. 157 °C
- Ignition temp.: 500 °C
- Vapour pressure: (100 °C) < 1hPa
- LD 50 (oral, rat): 891 mg/kg
- GHS-signal word: Danger
- GHS-H sentences: H318 - H302 - H335 - H315
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2918 21 00 00
- Applications: synthesis of organic products, manufacture of dyes, analytical chemistry, in pharma industry.

assay (acidimetric, referred to dried sample) . . . . . 99,5 - 100,5 %  
 assay (HPLC, referred to dried sample) . . . . . 98,0 - 102,0 %  
 identification . . . . . passes test  
 appearance of solution . . . . . clear and colourless  
 chlorides (Cl) . . . . . max. 100 ppm  
 sulfates (SO<sub>4</sub>) . . . . . max. 200 ppm  
 related substances . . . . . passes test  
 residue on ignition . . . . . max. 0,05 %  
 loss on drying (over silica gel) . . . . . max. 0,5 %  
 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
AC20020500	500 g	Ⓜ
AC20021000	1 kg	Ⓜ

## SEA SAND

- CAS [14808-60-7]
- EINECS-No.: 238-878-4
- Solub. in water: (20 °C): insoluble

• Tariff number: 2505 10 00 00

- Applications: manufacture of glass, in the ceramics industry, in the production of enamels, antifoaming agent

AR0100 Sea sand, washed, thin

grain size . . . . . approx. 300 - 350 µm  
 solubility in HCl . . . . . max. 0,2 %  
 chlorides (Cl) . . . . . max. 0,015 %  
 loss on ignition (800 °C) . . . . . max. 0,2 %

ART. NO.	VOLUME	CONTAINER
AR01000500	500 g	Ⓜ
AR01001000	1 kg	Ⓜ

ART. NO.	VOLUME	CONTAINER
AR0100005P	5 kg	Ⓜ
AR0100025P	25 kg	Ⓜ

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