

HANUS SOLUTION

RE0020 Hanus solution, IBr solution 0,1 mol/l (0,2 N)



- Synonyms: Iodine solution according to Hanus
- IBr
- Density: 1,06 g/cm³
- Solub. in water: (20 °C): miscible
- Flash pt. 40 °C
- LD 50 (oral, rat): 3310 mg/kg (chief component)
- ADR: 8 CF1 II UN 2920
- IMDG: 8 II UN 2920
- IATA/ICAO: 8 II UN 2920
- GHS-signal word: Danger

- GHS-H sentences: H314 - H226 - H312
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, for determination of: iodine.
- Appearance: Brown liquid

suitability for det. of iodine index passes test

ART. NO.	VOLUME	CONTAINER
RE00201000	1 l	0

HEMATOXYLIN, ACCORDING TO HARRIS

HE0060 Hematoxylin, according to Harris

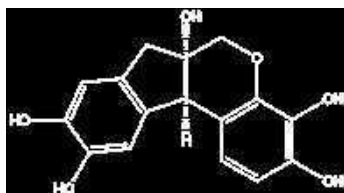
- C₁₆H₁₄O₆
- Density: 1,075 g/cm³
- Solub. in water: miscible
- Tariff number: 3203 00 19 00
- Applications: for cytology.

Suitable for Papanicolaou stain

ART. NO.	VOLUME	CONTAINER
HE00600500	500 ml	0
HE00601000	1 l	0
HE00602500	2,5 l	0

HEMATOXYLIN, C.I. 75290

HE0070 Hematoxylin, C.I. 75290, pH indicator



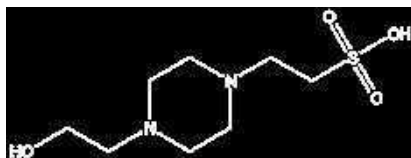
- Synonyms: cis-(+)-7,11β-Dihydrobenz[β]indeno[1,2-δ]pyran-3,4,6a,9,10(6H)pentol, Hydroxybrasilin
- C₁₆H₁₄O₆
- M = 302,29 g/mol
- CAS [517-28-2]
- EINECS-No.: 208-237-3
- Solub. in water: (20 °C): slightly soluble
- Melting point: ~ 140 °C (release of crystalline water)
- GHS-signal word: Warning
- GHS-H sentences: H302 - H312 - H332
- GHS-P sentences: P261 - P280 - P322 - P304 + P340 - P363 - P501a
- Tariff number: 3203 00 10 00
- Applications: manufacture of dyes (microscopy), manufacturing of inks.

pH range (yellow to violet) 5,0 - 7,2

ART. NO.	VOLUME	CONTAINER
HE00700005	5 g	0
HE00700025	25 g	0

HEPES FREE ACID

HE0100 HEPES free acid, molecular biology grade



- Synonyms: 4-(2-Hydroxyethyl)-1-piperazineethanesulfonic acid, N-(2-Hydroxyethyl)-piperazine-N'-(2-ethanesulfonic acid)
- C₉H₁₈N₂O₄S
- M = 238,3 g/mol
- CAS [7365-45-9]
- EINECS-No.: 230-907-9
- Solub. in water: (20 °C): 400 g/l
- Melting point: 210 - 215 °C
- Tariff number: 2933 59 95 90
- Applications: in buffer solutions (for biology).

assay (acidimetric) min. 99 %
identity (IR-spectrum) passes test
absorbance of an aqueous solution
1 M in a 1 cm cell at 260 nm max. 0,05 AU
absorbance of an aqueous solution
1 M in a 1 cm cell at 280 nm max. 0,05 AU
heavy metals (as Pb) max. 5 ppm
DNases, RNases, Proteases non detected

ART. NO.	VOLUME	CONTAINER
HE01000025	25 g	0
HE01000250	250 g	0