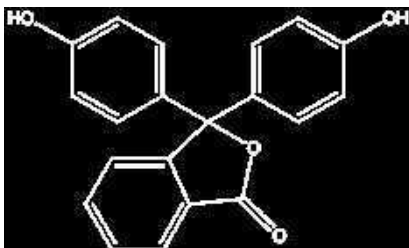


PHENOLPHTHALEIN, ETHANOLIC SOLUTIONS

FE0496 Phenolphthalein, solution 1% in ethanol, indicator



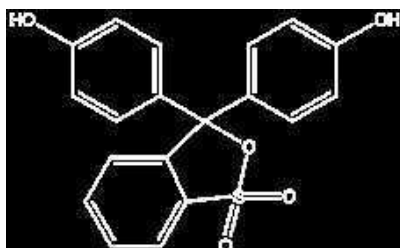
- $C_{20}H_{14}O_3$
- $M = 318,33$ g/mol
- CAS [77-09-8]
- EINECS-No.: 201-004-7
- Density: 0,81 g/cm³
- Solub. in water: (20 °C): miscible
- Flash pt. 23 °C
- Ignition temp.: ~ 425 °C
- LD 50 (oral, rat): 6200 mg/kg (ethanol)
- ADR: 3 F1 III UN 1993
- IMDG: 3 III UN 1993
- IATA/ICAO: 3 III UN 1993
- GHS-signal word: Danger
- GHS-H sentences: H350 - H341 - H226
- GHS-P sentences: P210 - P241 - P280 - P303 + P361 + P353 - P405 - P501a
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, laboratory reagent, indicator.

pH range (colourless to violet-red) 8,2 - 9,8

ART. NO.	VOLUME	CONTAINER
FE04960250	250 ml	0
FE04961000	1 l	0

PHENOL RED

RO0130 Phenol red, indicator, ACS



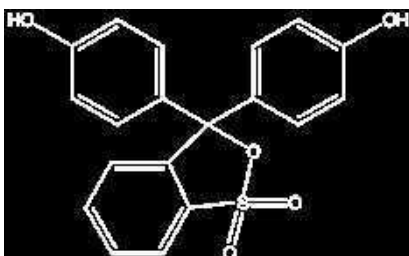
- Synonyms: Phenolsulfonphthalein, PR
- $C_{19}H_{14}O_5S$
- $M = 354,38$ g/mol
- CAS [143-74-8]
- EINECS-No.: 205-609-7
- Solub. in water: (20 °C): almost insoluble
- Tariff number: 2934 99 90 90
- Applications: analytical chemistry, indicator.

pH range (yellow-red) 6,8 - 8,2
 clarity of solution passes test
 Absorption maximum λ_1 (pH 1,2) 503 - 506 nm
 Absorption maximum λ_2 (pH 3,0) 430 - 435 nm
 Absorption maximum λ_3 (pH 6,5) 430 - 435 nm
 Absorption maximum λ_4 (pH 8,8) 557 - 560 nm
 Absorptivity (A1%/1 cm; λ_1 , on dried sample) 900 - 1100
 Absorptivity (A1%/1 cm; λ_2 , on dried sample) 500 - 700
 Absorptivity (A1%/1 cm; λ_3 , on dried sample) 500 - 700
 Absorptivity (A1%/1 cm; λ_4 , on dried sample) 1000 - 1200
 insoluble in C_2H_5OH passes test
 copper (Cu) max. 0,005 %
 iron (Fe) max. 0,005 %
 lead (Pb) max. 0,005 %
 nickel (Ni) max. 0,005 %
 loss on drying (110 °C) max. 5 %

ART. NO.	VOLUME	CONTAINER
RO01300005	5 g	0
RO01300010	10 g	0
RO01300025	25 g	0
RO01301000	1 kg	0

PHENOL RED, SOLUTION 0,02%

RO0131 Phenol red, solution 0,02%, indicator



- Synonyms: Phenolsulfonphthalein, PR
- $C_{19}H_{14}O_5S$
- $M = 354,38$ g/mol
- CAS [143-74-8]
- EINECS-No.: 205-609-7
- Tariff number: 2934 99 90 90
- Applications: analytical chemistry, laboratory reagent, indicator.

pH range (brown-orange to yellow) 1,2 - 3,0
 pH range (brown-yellow to red-violet) 6,5 - 8,0

ART. NO.	VOLUME	CONTAINER
RO01310100	100 ml	0

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