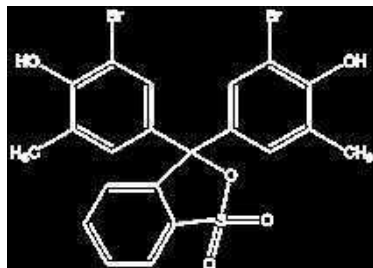


BROMOCRESOL PURPLE

PU0020 Bromocresol purple, indicator



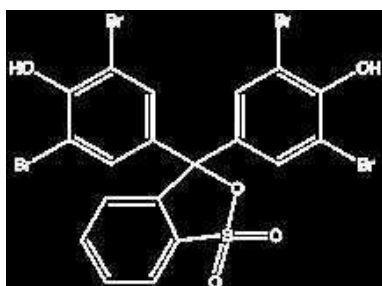
- Synonyms: 5',5''-Dibromo-o-cresolsulphonphthalein
- $C_{21}H_{16}Br_4O_5S$
- $M = 540,24$ g/mol
- CAS [115-40-2]
- EINECS-No.: 204-087-8
- Tariff number: 2934 99 90 90
- Applications: analytical chemistry, indicator.

pH range (greenish-yellow to blue-violet) 5,2 - 6,8
Absorption maximum λ_1 (pH 5,2) 427 - 431 nm
Absorption maximum λ_2 (pH 6,8) 588 - 590 nm
Absorptivity (A1%/1 cm; λ_1 ; pH 5,2; on dried sample) 400 - 450
Absorptivity (A1%/1 cm; λ_2 ; pH 6,8; on dried sample) 1000 - 1100
loss on drying (110 °C) max. 1 %

ART. NO.	VOLUME	CONTAINER
PU00200005	5 g	0
PU00200025	25 g	0

BROMOPHENOL BLUE

AZ0125 Bromophenol blue, indicator, ACS



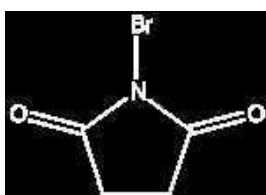
- Synonyms: BPB, 3,3',5,5'-Tetrabromophenolsulphonphthalein
- $C_{19}H_{10}Br_4O_5S$
- $M = 669,96$ g/mol
- CAS [115-39-9]
- EINECS-No.: 204-086-2
- Solub. in water: (20 °C): almost insoluble
- Melting point: 273 °C (decomposes)
- Tariff number: 2934 99 90 90
- Applications: analytical chemistry, indicator.

pH range (greenish-yellow to blue-violet) 3,1 - 4,4
Absorption maximum λ_1 (pH 3,0) 434 - 439 nm
Absorption maximum λ_2 (pH 4,6) 590 - 593 nm
Absorptivity (A1%/1 cm; λ_1 ; pH 3,0 on dried sample) 350 - 385
Absorptivity (A1%/1 cm; λ_2 ; pH 4,6 on dried sample) 940 - 1000
transition range acc. ACS passes test
loss on drying (110 °C) max. 1 %

ART. NO.	VOLUME	CONTAINER
AZ01250005	5 g	0
AZ01250025	25 g	0

n-BROMOSUCCINIMIDE

BR0120 N-Bromosuccinimide, EssentQ®



- Synonyms: NBS
- $C_4H_4BrNO_2$
- $M = 177,99$ g/mol
- CAS [128-08-5]
- EINECS-No.: 204-877-2
- Solub. in water: (25 °C): 14 g/l
- Melting point: 174 - 179 °C
- Vapour pressure: (20 °C) 14,8 hPa
- ADR: 8 C10 III UN 1759
- IMDG: 8 III UN 1759
- IATA/ICAO: 8 III UN 1759
- GHS-signal word: Warning
- GHS-H sentences: H302 - H315 - H319 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2925 19 95 99
- Applications: for bromination, oxidizing agent.

assay (iodometric) min. 99 %
identity (IR-spectrum) passes test

ART. NO.	VOLUME	CONTAINER
BR01200250	250 g	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