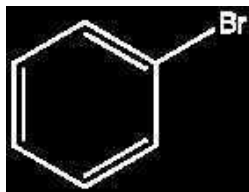


BROMOBENZENE

BR0060 Bromobenzene, EssentQ®



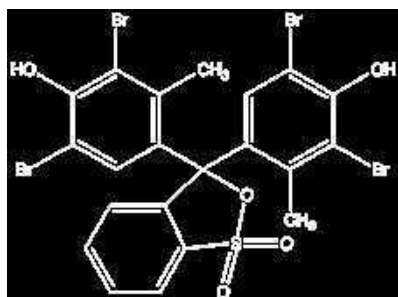
- Synonyms: Phenyl bromide
- C_6H_5Br
- $M = 157,02 \text{ g/mol}$
- CAS [108-86-1]
- EINECS-No.: 203-623-8
- Density: $1,49 \text{ g/cm}^3$
- Solub. in water: (20 °C): 4 g/l
- Melting point: -31 °C
- Boiling point: 156 °C
- Flash pt. 51 °C
- Ignition temp.: 565 °C
- Vapour pressure: (20 °C) 4 hPa
- Refraction index: (n 20 °C/D) $1,5602$
- Dielectric const.: (20 °C) $5,4$
- LD 50 (oral, rat): 2699 mg/kg
- EC-Index-No.: 602-060-00-9
- ADR: 3 F1 III UN 2514
- IMDG: 3 III UN 2514
- IATA/ICAO: 3 III UN 2514
- GHS-signal word: Warning
- GHS-H sentences: H226 - H315 - H411
- GHS-P sentences: P210 - P241 - P280 - P303 + P361 + P353 - P321 - P501a
- Tariff number: 2903 99 90 90
- Applications: analytical chemistry, for organometallic compounds synthesizing.
- Appearance: Colourless to slightly yellow clear liquid

assay (G.C.) min. 99 %
 identity (IR-spectrum) passes test
 density (20°/4°) 1,494 - 1,496
 residue on evaporation max. 0,005 %
 water (K.F.) max. 0,02 %

ART. NO.	VOLUME	CONTAINER
BR00600250	250 ml	0
BR00601000	1 l	0

BROMOCRESOL GREEN

VE0070 Bromocresol green, indicator



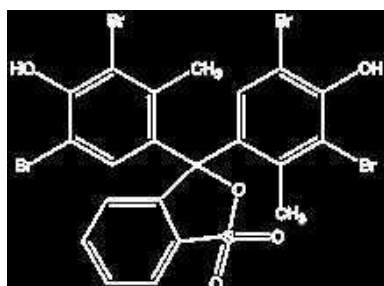
- Synonyms: 3,3',5,5'-Tetrabromo-m-cresolsulfon-phthalein, BCG
- $C_{21}H_{14}Br_4O_5S$
- $M = 698,04 \text{ g/mol}$
- CAS [76-60-8]
- EINECS-No.: 200-972-8
- Tariff number: 2934 99 90 90
- Applications: analytical chemistry, indicator.

pH range (yellow to blue) 3,8 - 5,4
 Absorption maximum λ_1 (pH 3,5) 444 - 445 nm
 Absorption maximum λ_2 (pH 5,4) 615 - 618 nm
 Absorptivity (A1%/1 cm; λ_1 , pH 3,5;
 on dried sample) 265 - 275
 Absorptivity (A1%/1 cm; λ_2 , pH 5,4;
 on dried sample) 530 - 570
 loss on drying (110 °C) max. 5 %

ART. NO.	VOLUME	CONTAINER
VE00700001	1 g	0
VE00700005	5 g	0
VE00700025	25 g	0

BROMOCRESOL GREEN, SOLUTION 0,04%

VE0075 Bromocresol green, solution 0,04%, indicator



- Synonyms: 3,3',5,5'-Tetrabromo-m-cresolsulfon-phthalein, BCG
- $C_{21}H_{14}Br_4O_5S$
- $M = 698,04 \text{ g/mol}$
- CAS [76-60-8]
- EINECS-No.: 200-972-8
- Tariff number: 2934 99 90 90
- Applications: analytical chemistry, indicator.

pH range (yellow to blue) 3,6 - 5,4

ART. NO.	VOLUME	CONTAINER
VE00750100	100 ml	0