

## TBE 5X BUFFER pH = 8,3

TB0010 TBE 5X buffer pH = 8,3, molecular biology grade

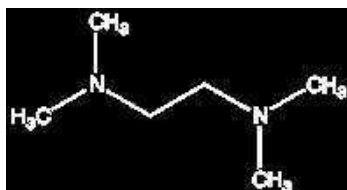
- Synonyms: TRIS-Borate-EDTA
- Density: 1,03 g/cm<sup>3</sup>
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, in buffer solutions, for electrophoresis, for determination of: nucleic acids.

pH ..... 8,2 - 8,4  
composition: tris-(hydroxymethyl)-aminomethane 0,45 M / EDTA 0,01 M / boric acid 0,45 M  
DNases, RNases ..... non detected

ART. NO.	VOLUME	CONTAINER
TB00101000	1 l	
TB0010010C	10 l	

## TEMED

TE0050 TEMED, ExpertQ<sup>®</sup>, for analysis



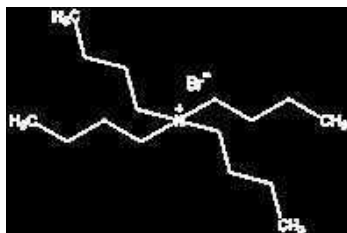
- Synonyms: N,N,N',N'-Tetramethylethylenediamine, 1,2-Bis(dimethylamino)ethane, TMEDA
- C<sub>6</sub>H<sub>16</sub>N<sub>2</sub>
- M<sup>r</sup> = 116,21 g/mol
- CAS [110-18-9]
- EINECS-No.: 203-744-6
- Density: 0,78 g/cm<sup>3</sup>
- Solub. in water: (20 °C): freely miscible
- Melting point: -55 °C
- Boiling point: 121 °C
- Flash pt. 17 °C
- Refraction index: (n 20 °C/D) 1,4179
- LD 50 (oral, rat): 268 mg/kg
- EC-Index-No.: 612-103-00-3
- ADR: 3 F1 II UN 2372
- IMDG: 3 II UN 2372
- IATA/ICAO: 3 II UN 2372
- GHS-signal word: Danger
- GHS-H sentences: H225 - H314 - H302 - H332
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2921 29 00 90
- Applications: analytical chemistry, synthesis of polymers.
- Appearance: Clear liquid

assay (G.C.) ..... min. 99 %  
identity (IR-spectrum) ..... passes test  
iron (Fe) ..... max. 0,1 ppm  
residue on ignition ..... max. 0,005 %  
water (K.F.) ..... max. 0,5 %

ART. NO.	VOLUME	CONTAINER
TE00500010	10 ml	
TE00500100	100 ml	

## TETRABUTYLAMMONIUM BROMIDE

BR0200 Tetrabutylammonium bromide, HPLC grade



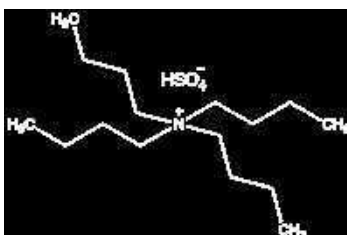
- Synonyms: TBAB, Tetra-n-butylammonium bromide
- C<sub>16</sub>H<sub>35</sub>BrN
- M = 322,38 g/mol
- CAS [1643-19-2]
- EINECS-No.: 216-699-2
- Solub. in water: (20 °C): 600 g/l
- Melting point: 100 - 103 °C
- GHS-signal word: Warning
- GHS-H sentences: H302
- GHS-P sentences: P264 - P270 - P330 - P301 + P312 - P501a
- Tariff number: 2923 90 00 90
- Applications: analytical chemistry, laboratory reagent, chromatography, synthesis of organic products, phase transfer catalyst.

assay (argentometric) ..... min. 99 %  
identity (IR-spectrum) ..... passes test  
insoluble matter ..... passes test  
absorbance of a 1% solution  
in water ..... passes test

ART. NO.	VOLUME	CONTAINER
BR02000025	25 g	


## TETRABUTYLAMMONIUM HYDROGEN SULFATE

TE0120 Tetrabutylammonium hydrogen sulfate, for ion-pair chromatography



- C<sub>16</sub>H<sub>37</sub>NO<sub>4</sub>S
- M = 339,54 g/mol
- CAS [32503-27-8]
- EINECS-No.: 251-068-5
- Solub. in water: (20 °C): freely soluble
- Melting point: 169 - 172 °C
- GHS-signal word: Warning
- GHS-H sentences: H302 - H319
- GHS-P sentences: P280 - P264 - P270 - P305 + P351 + P338 - P337 + P313 - P501a
- Tariff number: 2923 90 00 90
- Applications: analytical chemistry, chromatography, synthesis of organic products, phase transfer catalyst.

assay (acidimetric) ..... min. 99 %  
insoluble matter ..... passes test  
identity (IR-spectrum) ..... passes test  
max. absorbance of an aqueous sol. 0,005 M in a 1 cm cell at wavelength ..... absorbance  
200 nm ..... 0,155 AU  
220 nm ..... 0,046 AU  
250 nm ..... 0,009 AU

ART. NO.	VOLUME	CONTAINER
TE01200010	10 g	
TE01200100	100 g	