

## BORIC ACID, SOLUTION 4% W/V, WITH INDICATOR

AC0581 Boric acid, solution 4% w/v, with indicator, for Kjeldahl

• Tariff number: 3822 00 00 00

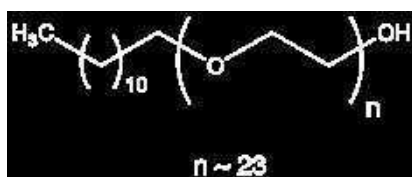
assay (acidimetric) ..... approx. 4 %  
 chlorides (Cl) ..... max. 0,0003 %  
 phosphates (as PO<sub>4</sub>) ..... max. 0,0005 %  
 sulfates (SO<sub>4</sub>) ..... max. 0,0005 %  
 arsenic (As) ..... max. 0,5 ppm  
 heavy metals (as Pb) ..... max. 5 ppm

iron (Fe) ..... max. 1 ppm

ART. NO.	VOLUME	CONTAINER
AC05811000	1 l	☺

## BRIJ® 35

BR0017 Brij® 35 (Brij is a trademark of ICI America Inc.)



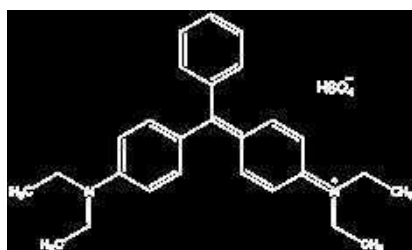
- Synonyms: Polyoxyethylene lauryl ether, Polyethyleneglycol lauryl ether
- (C<sub>27</sub>H<sub>54</sub>O<sub>n</sub>, C<sub>12</sub>H<sub>25</sub>O)
- CAS [9002-92-0]
- EINECS-No.: 500-002-6
- Solub. in water: (25 °C): soluble
- Melting point: 36 - 42 °C
- Boiling point: > 100 °C
- Flash pt. 149 °C
- Vapour pressure: (20 °C) 1,3 hPa
- LD 50 (oral, rat): 1000 mg/kg
- GHS-signal word: Warning
- GHS-H sentences: H302 - H319
- GHS-P sentences: P280 - P264 - P270 - P305 + P351 + P338 - P337 + P313 - P501a
- Tariff number: 3402 13 00 90
- Applications: solvents, emulsifier, for pharmaceutical use.

hydroxyl index ..... 45 - 50  
 water (K.F.) ..... max. 3 %

ART. NO.	VOLUME	CONTAINER
BR00170250	250 g	☺
BR00171000	1 kg	☺

## BRILLIANT GREEN, C.I. 42040

VE0060 Brilliant green, C.I. 42040, for microscopy



- Synonyms: Diamond green G, Ethyl green, Solid green
- C<sub>27</sub>H<sub>34</sub>N<sub>2</sub>O<sub>3</sub>S
- M = 482,64 g/mol
- CAS [633-03-4]
- EINECS-No.: 211-190-1
- Solub. in water: (20 °C): ~ 100 g/l
- Melting point: ~ 180 °C
- LD 50 (oral, rat): ~ 300 mg/kg
- GHS-signal word: Warning
- GHS-H sentences: H302
- GHS-P sentences: P264 - P270 - P330 - P301 + P312 - P501a
- Tariff number: 3204 13 00 90
- Applications: analytical chemistry, for microbiology, manufacture of dyes, indicator.

Absorption maximum λ  
 (in ethanol 50 %) ..... 628 - 632 nm  
 Absorptivity (A1%/1 cm; λ max.) ..... 1750 - 2250  
 loss on drying (135°C) ..... max. 5 %

ART. NO.	VOLUME	CONTAINER
VE00600025	25 g	☺
VE00600100	100 g	☺

## BROMIDE-BROMATE, VOLUMETRIC SOLUTIONS

BR0070 Bromide-bromate, solution 0,05 mol/l (0,1 N), according to ASTM D5776-99



- Br<sup>-</sup> / BrO<sub>3</sub><sup>-</sup>
- Density: ~ 1,018 g/cm<sup>3</sup>
- LD 50 (oral, rat): 321 mg/kg (toxic component)
- GHS-signal word: Danger
- GHS-H sentences: H350
- GHS-P sentences: P281 - P201 - P202 - P308 + P313 - P405 - P501a
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, titrant in volumetric analysis.

factor ..... 0,999 - 1,001  
 1 ml = 0,0078 g Br<sub>2</sub>

This volumetric solution was checked by means of potentiometric methods using a sodium thiosulfate standard solution, that was also checked against Scharlau's potassium iodate volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

ART. NO.	VOLUME	CONTAINER
BR00701000	1 l	☺