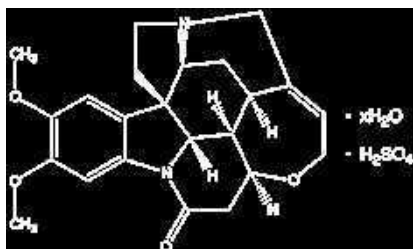


BRUCINE SULFATE HYDRATE

BR0275 Brucine sulfate hydrate, ExpertQ®, for analysis



- Synonyms: 2,3-Dimethoxystrychnine sulfate salt
- $C_{26}H_{32}N_4O_8 \cdot H_2SO_4 \cdot xH_2O$
- $M = 887,03 \text{ g/mol}$
- CAS [652154-10-4]
- EINECS-No.: 225-432-9
- Melting point: 180 °C
- EC-Index-No.: 614-007-00-7 [1]
- ADR: 6.1 T2 | UN 2811
- IMDG: 6.1 | UN 2811
- IATA/ICAO: 6.1 | UN 2811
- GHS-signal word: Danger
- GHS-H sentences: H300 - H330 - H412
- GHS-P sentences: P260 - P284 - P320 - P321 - P405 - P501a
- Tariff number: 2939 99 00 00
- Applications: analytical chemistry, for pharmaceutical use, for denaturing ethanol.

assay (titration with $HClO_4$) min. 98 %
insoluble in water passes test
residue on ignition max. 0,1 %

ART. NO.	VOLUME	CONTAINER
BR02750025	25 g	0

BUFFER SOLUTIONS, OTHER APPLICATIONS

SO1013 Buffer solution for complexometry, pH = 10 (ammonium chloride/ammonia)



- Density: 0,96 g/cm³
- Solub. in water: (20 °C): miscible
- Boiling point: 80 - 100 °C
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319 - H335

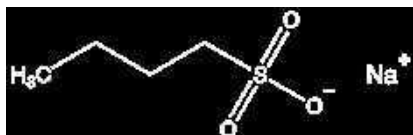
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 3822 00 00 00
- Applications: in buffer solutions.

pH at 20 °C 10,50 - 11,00

ART. NO.	VOLUME	CONTAINER
SO10130250	250 ml	0
SO10131000	1 l	0

1-BUTANE SULFONIC ACID, SODIUM SALT

AC0601 1-Butane sulfonic acid, sodium salt, HPLC grade



- Synonyms: Sodium 1-butylsulfonate
- $C_4H_9NaO_3S$
- $M = 160,17 \text{ g/mol}$
- CAS [2386-54-1]
- EINECS-No.: 219-201-1
- Solub. in water: (20 °C): soluble
- Melting point: > 310 °C
- Tariff number: 2904 10 00 90
- Applications: chromatography, synthesis of organic products.

assay (acidimetric) min. 99 %
identity (IR-spectrum) passes test
insoluble matter passes test
max. absorbance of an aqueous sol. 0,5 M in a 1 cm cell at wavelength absorbance
210 nm 0,1 AU
220 nm 0,06 AU
230 nm 0,04 AU
260 nm 0,02 AU

ART. NO.	VOLUME	CONTAINER
AC06010025	25 g	0
AC06010100	100 g	0
AC06011000	1 kg	0

1-BUTANOL



- Synonyms: n-Butyl alcohol, Propylcarbinol
- $C_4H_{10}O$
- $M = 74,12 \text{ g/mol}$
- CAS [71-36-3]
- EINECS-No.: 200-751-6
- Density: 0,81 g/cm³
- Solub. in water: (20 °C): 79 g/l
- Melting point: -89,5 °C
- Boiling point: 118 °C
- Flash pt. 34 °C
- Ignition temp.: 340 °C
- Vapour pressure: (20 °C) 6,7 hPa
- Refraction index: (n 20 °C/D) 1,3993
- Dielectric const.: (20 °C) 17,8
- LD 50 (oral, rat): 790 mg/kg

- EC-Index-No.: 603-004-00-6 [1]
- ADR: 3 F1 III UN 1120
- IMDG: 3 III UN 1120
- IATA/ICAO: 3 III UN 1120
- GHS-signal word: Danger
- GHS-H sentences: H318 - H226 - H302 - H335 - H336 - H315
- GHS-P sentences: P210 - P241 - P280 - P301 + P312 - P330 - P303 - P361 - P352 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2905 13 00 00
- Applications: solvents, synthesis of organic products, microscopy.
- Appearance: Colourless