

IdentificationBr⁻ / BrO₃⁻

Taric code: 3822 00 00

Applications

analytical chemistry, titrant in volumetric analysis.

Specifications

factor..... 0,999 - 1,001

1 ml = 0,0078 g Br₂

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).

Physical data

- Density: ~ 1,018 g/cm³
- pH(20 °C) ~ 12,8

Safety - GHS**Signal Word:** Danger**Hazard Statements:**

H350: May cause cancer.

**Precautionary Statements:**

- P281: Use personal protective equipment as required.
- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P308+P313: IF exposed or concerned: Get medical advice / attention.
- P405: Store locked up.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Toxicological data

- LD 50 (oral, rat): 321 mg/kg (toxic component)

Transport/storage

- Store between 15°C and 25°C