

Identification

NaAsO₂
M = 129,91 g/mol
CAS [7784-46-5]
EC number: 232-070-5
Taric code: 2842 90 80

Applications

analytical chemistry, titrant in volumetric analysis.

Specifications

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

1 ml = 0,004946 g As₂O₃
1 ml = 0,006495 g NaAsO₂

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

Physical data

- Density: 1,01 g/cm³
- pH(20 °C) ~ 9,3

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H350: May cause cancer.
H412: Harmful to aquatic life with long lasting effects.

**Precautionary Statements:**

- P280: Wear protective gloves / protective clothing / eye protection / face protection.
P273: Avoid release to the environment.
P201: Obtain special instructions before use.
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.

Transport/storage

- ADR: 6.1 T4 III • UN 1686 • SODIUM ARSENITE, AQUEOUS SOLUTION
- IMDG: 6.1 III • UN 1686 • SODIUM ARSENITE, AQUEOUS SOLUTION
- IATA/ICAO: 6.1 III • UN 1686 • SODIUM ARSENITE, AQUEOUS SOLUTION
- PAX: 611
- CAO: 618
- 10°C - 30°C