

Identification

H₃PO₄
M = 98,00 g/mol
CAS [7664-38-2]
EC number: 231-633-2
Taric code: 2809 20 00

Applications

analytical chemistry, laboratory reagent, titrant in volumetric analysis.


Specifications

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

1 ml = 0,098 g H₃PO₄

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

Packaging**Packaging Code**

1 l  AC11061000

Physical data

• Density: 1,04 g/cm³

Safety - GHS**Hazard Statements:**

EUH210: Safety data sheet available on request.

Toxicological data

• LD 50 (oral, rat): 1530 mg/kg (anhydrous substance)

Transport/storage

• Store between 15°C and 25°C