

Identification

 $\text{Na}_2\text{WO}_4 \cdot 2\text{H}_2\text{O}$

M = 329,86 g/mol

CAS [10213-10-2]

EC number: 236-743-4

Taric code: 2841 80 00

Synonyms

Sodium wolframate dihydrate

Applications

analytical chemistry (precipitant for: alkaloids, blood sugar, uric acid), for biology.

Specifications

assay (gravimetric).....99,0 - 101,0 %
identity (IR-spectrum).....passes test
insoluble in water.....max. 0,01 %
alkalinity.....max. 0,02 meq/g

chlorides (Cl).....max. 0,003 %
sulfates (SO_4).....max. 0,01 %
heavy metals and iron (as Pb).....max. 0,001 %
lead (Pb).....max. 0,001 %
molybdenum (Mo).....max. 0,001 %

Physical data

- Spec. Density: 3,23 g/cm³
- Bulk density: ~ 1600 kg/m³
- Solub. in water: (20 °C): ~ 730 g/l
- Melting point: 100 °C (release of crystalline water)
- pH(50 g/l H₂O, 20 °C) 8 - 9

Safety - GHS

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.



Precautionary Statements:

- P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330: Rinse mouth.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.