

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

M = 241,95 g/mol

CAS [10102-40-6]

EC number: 231-551-7

Taric code: 2841 70 00

Applications

analytical chemistry, laboratory reagent, for determination of: phosphates; reagent for the following substances detection: alkaloids; for the synthesis of: pigment; corrosion inhibitor, nutrient media for bacterial culture, in pharma industry.

Specifications

assay (redox, referred to dried sample)..... 98,0 - 100,5 %

identification..... passes test

appearance of solution..... clear and colourless

chlorides (Cl)..... max. 50 ppm

phosphates (as PO_4)..... max. 200 ppmammonium (NH_4)..... max. 10 ppm

loss on drying (140 °C, 3h)..... 14,0 - 16,0 %

Physical data

• Appearance: Crystals, Colourless

• Spec. Density: 3,6 g/cm³• Bulk density: ~ 1000 kg/m³

• Solub. in water: (20 °C): 840 g/l

• pH(50 g/l H_2O , 20 °C) 7,9 - 10,3**Transport/storage**

• 10°C - 30°C