



Sodium molybdate dihydrate

Meets EP and BP testing specifications

Product Code: TC581M

Product Description :

Molecular weight: 241.95

Molecular formula: $\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$

CAS No.: 10102-40-6

Quality Control:

Appearance : (EP, BP)

White or almost white powder or colourless crystals

Solubility : (EP, BP)

Freely soluble in water

Identification A, Loss on drying : (EP, BP)

14.00 - 16.00% (at 140°C, 3 hr)

Identification B : (EP, BP)

A yellow precipitate is formed

Identification C : (EP, BP)

The solution gives reaction (a) of sodium

Appearance of solution : (EP, BP)

Solution S (10% solution in water) is clear and colourless

Chloride (EP, BP)

$\leq 0.005\%$

Phosphate (EP, BP)

$\leq 0.02\%$

Ammonium : (EP, BP)

$\leq 0.0010\%$

Loss on drying (at 140°C, 3 hr) : (EP, BP)

14.00 - 16.00%

Assay (Lead nitrate T, dried substance) : (EP, BP)

98.00 - 100.50%

Storage and Shelf Life:

Store below 30°C away from bright light.

Shelf life is 48 months.

Use before expiry date given on the product label.

Disclaimer :

Revision : 02/2024

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