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Product Specification

Product Name:

Sodium molybdate dihydrate – ACS reagent, ≥99%

Product Number:

331058

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

CAS Number:

10102-40-6

MDL:

MFCD00149170

Formula:

 $\text{MoNa}_2\text{O}_4 \cdot 2\text{H}_2\text{O}$

Formula Weight:

241.95 g/mol

| TEST | Specification |
|--|---------------------------|
| Appearance (Color) | White |
| Appearance (Form) | Conforms to Requirements |
| Crystals, Powder or Crystalline Powder | |
| X-Ray Diffraction | Conforms to Structure |
| Titration with KMnO_4 | 99.5 - 103.0 % |
| pH | 7.0 - 10.5 |
| At 25°C; 5% Water | |
| Insoluble matter | ≤ 0.005 % |
| Chloride Content | ≤ 0.005 % |
| Phosphate | ≤ 5 ppm |
| Sulfate (SO_4) | ≤ 0.015 % |
| Ammonium | ≤ 0.001 % |
| Heavy Metal | ≤ 5 ppm |
| as Pb | |
| Iron (Fe) | ≤ 0.001 % |
| Meets ACS Requirements | Current ACS Specification |

Specification: PRD.2.ZQ5.10000017380

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.