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Product Specification

Product Name:
Ammonium molybdate – meets USP testing specifications

Product Number: A1343 (NH₄)₆Mo₇O₂₄ · 4H₂O
CAS Number: 12054-85-2
MDL: MFCD00167059
Formula: H₂₄Mo₇N₆O₂₄ · 4H₂O
Formula Weight: 1,235.86 g/mol

| TEST | Specification |
|--------------------------------------|--------------------|
| Residual Solvents | Meets Requirements |
| Recommended Retest Period 6 years | ----- |
| Identity | Pass |
| Insoluble Substances | <= 0.005 % |
| Chloride (Cl) | <= 0.002% |
| Limit of Nitrate | Pass |
| Sulfate | <= 0.02% |
| Arsenate, Phosphate, Silicate | <= 10 ppm |
| Phosphate | <= 5 ppm |
| Magnesium and Alkali Salts | <= 0.02% |
| Assay | 99.3 - 101.8 % |

Specification: PRD.2.ZQ5.10000020327

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.