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Product Specifications

Catalogue Number	48665
Product	Ammonium dimolybdate
CAS Number	27546-07-2
Molecular Formula	(NH ₄) ₂ Mo ₂ O ₇
Molecular Weight	339.95

Appearance	White crystalline powder
Solubility	Slightly soluble in water
Density	2.97 cm ³ /g
Cation	Alkalies (Na & K) : ≤ 0.0075% Aluminum (Al) : ≤ 0.0010% Calcium (Ca) : ≤ 0.0010% Chromium (Cr) : ≤ 0.0007 Copper (Cu) : ≤ 0.0010% Iron (Fe) : ≤ 0.0010% Lead (Pb) : ≤ 0.0005% Magnesium (Mg) : ≤ 0.0010% Nickel (Ni) : ≤ 0.0010% Silicon (Si) : ≤ 0.0010% Tin (Sn) : ≤ 0.0010% Titanium (Ti) : ≤ 0.0010%
Purity	≥ 56% (Mo)
Application	Ammonium dimolybdate is used as pigments, agricultural fertilizer, color lakes and fabric fire retardant agent. It is also used as a raw material for the production of molybdenum wire, ceramic glazes and other molybdenum compounds. Further, it is used in photography, ceramics and paints. It is also used reagent for analysis as well as in the determination of phosphorus in analytical chemistry. In addition, it is used as a catalyst in the petrochemical industry.
Storage	Store at 2 - 8 °C

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For Laboratory Use Only