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Product Specifications

Catalogue Number	48676
Product	Molybdenum trioxide Molybdic acid anhydride
CAS Number	1313-27-5
Molecular Formula	MoO ₃
Molecular Weight	143.94

Appearance	Green yellow fine powder
Solubility	Slightly soluble in water. Soluble in concentrated mineral acids. Soluble in strong alkaline solutions.
Melting Point	794 - 796 °C
Boiling point	1154 - 1156 °C
Density	4.69 cm ³ /g
Cation	Alkalies (Na & K) : ≤ 0.0050% Aluminum (Al) : ≤ 0.0005% Calcium (Ca) : ≤ 0.0005% Chromium (Cr) : ≤ 0.0005% Copper (Cu) : ≤ 0.0005% Iron (Fe) : ≤ 0.0005% Lead (Pb) : ≤ 0.0002% Magnesium (Mg) : ≤ 0.0005% Nickel (Ni) : ≤ 0.0005% Silicon (Si) : ≤ 0.0005% Tin (Sn) : ≤ 0.0005% Titanium (Ti) : ≤ 0.0005%
Purity	≥ 99.98%
Storage	Store at 2 - 8 °C

For Laboratory Use Only