

Typical Product Specifications & Properties

Sodium Molybdate Dihydrate (Technical Grade)

CAS Number: 10102-40-6

Specifications	Limits
Na ₂ MoO ₄ x H ₂ O	>= 99.5% wt.
Na ₂ MoO ₄	>= 84.5% wt.
Molybdenum	>= 39.6% wt.
Water Loss	<= 15% (105C)
Melting Point	687C
Mercury, as Hg	<= 0.0005% wt.
Chloride	= 0.01% wt.
Sulfate	<= 0.05% wt.
Heavy Metals, as Pb	<= 0.001% wt.
Insoluble Matter	<= 0.01
pH of a 5% solution	7.5 - 10.0
Molecular weight	241.95
Solubility	water
Direct Evaporative Cooling	pt. 100 c, subsequent anhyd. form melts 686 c