

Technical Data Sheet

Molybdenum (V) Chloride Powder

Product ID: 421700PD001

Formular: MoCl₅

Molecular weight: 273.2 g/mol

CAS No.: 10241-05-1

EINECS No.: 233-575-3

Color: Greenish-black

Description: Our molybdenum (V) chloride powder typically has a purity of over 99.5%, featuring high reactivity, strong oxidizing properties, and excellent chemical stability.

Application: Catalyst, Precursor for molybdenum compounds, Specialized material synthesis, etc.

**Product
Image:**



1. Sizes

Product ID	Formular	Size
421700PD001	MoCl ₅ (99.5%)	-5 Mesh
421700PDDZ	MoCl ₅	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (wt%)						
	Fe	Al	Zn	Nb	Si	Mg	Ca
99.5%	≤ 0.01	≤ 0.005	≤ 0.002	≤ 0.005	≤ 0.005	≤ 0.001	≤ 0.001

Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.

3. Packaging

Bottled/Bag.

Double vacuum packed.

4. Period of Validity

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

5. Handling and Storage

When using, wear a dust mask to prevent dust inhalation.

Store in a sealed container under a dry, inert gas environment, away from heat and moisture.

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