

**Technical Data Sheet****Molybdenum (V) Chloride Powder****Product ID:** 421700PD001**Formular:** MoCl<sub>5</sub>**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 <sub>5</sub> (99.5%)	-5 Mesh
421700PDDZ	MoCl <sub>5</sub>	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

*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.

### Contact Us

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