

Technical Data Sheet

Vanadium pentoxide Powder

Product ID: 230801PD001 / 230801PD002

Formular: V_2O_5

Molecular weight: 181.88 g/mol

CAS No.: 1314-62-1

EINECS No.: 215-239-8

Color: Orange-yellow

Description: Our vanadium pentoxide powder is available in 99.5% and 99.9% purity, featuring excellent redox properties and chemical stability.

Application: Catalysts, battery materials, optoelectronic materials, magnetic and storage materials, etc.

**Product
Image:**



1. Sizes

Product ID	Formular	Size
230801PD001	V_2O_5 (99.5%)	/
230801PD002	V_2O_5 (99.9%)	/

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)						
	Fe	Ni	Cr	Cu	Al	Mn	Si
99.5%	≤ 500	≤ 100	≤ 100	≤ 100	≤ 400	≤ 100	≤ 500
99.9%	≤ 300	≤ 50	≤ 50	≤ 50	≤ 200	≤ 50	≤ 300

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

Small batch: bottled/bag, double vacuum packed.

Large batch: 25 kg/bag.

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 appropriate protective equipment, ensure proper ventilation, avoid inhalation or skin/eye contact.

Store in a tightly sealed container in a cool, dry place, away from moisture and reducing agents.

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