

Technical Data Sheet

Tellurium Metal Granules

Product ID: 5200GN001 - 5200GN003

Formular: Te

Molecular weight: 127.6 g/mol

CAS No.: 13494-80-9

EINECS No.: 236-813-4

Color: Gray

Description: Our tellurium granules are available in 4N, 5N, and 6N purity, and can be customized in different sizes according to requirements. They offer high electrical conductivity as well as excellent photoelectric and thermoelectric performance.

Application: Thermoelectric devices, optoelectronic components, semiconductor materials, infrared detectors, etc.

Product

Image:



1. Sizes

Product ID	Formular	Particle Size
5200GN001	Te (99.99%)	3 mm - 6 mm
5200GN002	Te (99.999%)	3 mm - 6 mm
5200GN003	Te (99.9999%)	3 mm - 6 mm
5200GN4NDZ	Te (99.99%)	Customized
5200GN5NDZ	Te (99.999%)	Customized
5200GN6NDZ	Te (99.9999%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)					
	Cu	Mg	Fe	Al	Se	Pb
99.99%	≤ 10	≤ 10	≤ 10	≤ 10	≤ 20	≤ 20
99.999%	≤ 0.5	≤ 0.5	≤ 1.0	≤ 0.5	≤ 2.0	≤ 2.0
99.9999%	≤ 0.02	≤ 0.05	≤ 0.05	≤ 0.05	≤ 0.10	≤ 0.05

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

Bottle/Bag.

Double vacuum packed.

4. Period of Validity

It is recommended to use this product within 6 months. If it is overdue, the product quality status should be re-evaluated.

5. Handling and Storage

When using, wear appropriate protective equipment to avoid dust generation and operate in a well-ventilated, dry environment.

Store in a tightly sealed container in a cool, dry place.

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