Technical Data Sheet

Bismuth Metal Granules

Product ID:	**8300GN001 - 8300GN003**		
Formular:	Bi	**Molecular weight:**	208.98 g/mol
CAS No.:	7440-69-9	**EINECS No.:**	231-177-4
Color:	Silver gray		

Description: Our bismuth granules have a purity of ≥99.99%, with options for higher purity and customized sizes, and offer comprehensive advantages including a low melting point, non-toxicity and environmental friendliness, high chemical stability, and strong neutron absorption capability.

Application: Nuclear industry, electronic soldering, medical imaging, metal alloy additives, and environmentally friendly materials.

Product Image:

1. Physical Properties

Product ID	Formula	Sizes
8300GN001	Bi (99.99%)	1 mm - 4 mm
8300GN002	Bi (99.999%)	3 mm - 8 mm
8300GN003	Bi (99.999%)	1 mm - 10 mm
8300GN4NDZ	Bi (99.99%)	Customized
8300GN5NDZ	Bi (99.999%)	Customized

2. Chemical compositions

	Metal impurities (ppm)					
Element Typical Value Purity	Cu	Pb	Zn	Fe	Ag	As
99.99%	≤ 10	≤ 10	≤ 5	≤ 10	≤ 40	≤ 3
99.999%	≤ 1	≤ 0.5	≤ 0.5	≤ 0.5	≤ 1	≤ 0.5

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.
Customized according to customer requirements.

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.

6. Handling and Storage

Handle in a well-ventilated environment, avoiding high temperatures and strong acids, and follow standard protective measures.

Store in a sealed container in a cool, dry place, away from moisture and oxidizing substances.

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