

Technical Data Sheet

Bismuth Metal Rod

Product ID:	8300RD001 - 8300RD002		
Formular:	Bi	Molecular weight:	208.98 g/mol
CAS No.:	7440-69-9	EINECS No.:	231-177-4
Color:	Silver gray		
Description:	Our bismuth rods generally have a purity of ≥99.99%, with options for higher purity and customized dimensions, and offer comprehensive advantages including high purity, good machinability, excellent chemical stability, and environmentally friendly, non-toxic properties.		
Application:	Alloy additives, electronic devices, medical materials, precision casting, and scientific research.		

Product Image:



1. Physical Properties

Product ID	Formula	Sizes
8300RD001	Bi (99.99%)	Ø 20 mm x 200 mm
8300DR002	Bi (99.999%)	Ø 20 mm x 200 mm
8300RD4NDZ	Bi (99.99%)	Customized
8300RD5NDZ	Bi (99.999%)	Customized

2. Chemical compositions

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

Double vacuum inner bag.
Carton/wooden box outer bag.
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 clean, dry conditions, avoiding mechanical impact and contamination during processing.
Store in a sealed, dry, and cool environment, protected from moisture and oxidizing substances.

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