

## 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  $\geq 99.99\%$ , 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%	$\leq 10$	$\leq 10$	$\leq 5$	$\leq 10$	$\leq 40$	$\leq 5$
99.999%	$\leq 1$	$\leq 0.5$	$\leq 0.5$	$\leq 0.5$	$\leq 1$	$\leq 0.5$

*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.

### **Contact Us**

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