

## Technical Data Sheet

# Gallium oxide Granules

**Product ID:** 310800GN001- 310800GN002

**Formular:** Ga<sub>2</sub>O<sub>3</sub>

**Molecular weight:** 187.44 g/mol

**CAS No.:** 12024-21-4

**EINECS No.:** 234-691-7

**Color:** White

**Description:** Our gallium oxide (Ga<sub>2</sub>O<sub>3</sub>) granules typically have a purity of ≥99.99% and can be customized to higher purities and various sizes, featuring high purity, uniform particle size, excellent thermal stability, and good dispersibility.

**Application:** Power electronics, ultraviolet optoelectronic devices, and optical thin films.

**Product**

**Image:**



## 1. Sizes

Product ID	Formular	Size
310800GN001	Ga <sub>2</sub> O <sub>3</sub> (99.99%)	3 mm - 6 mm
310800GN002	Ga <sub>2</sub> O <sub>3</sub> (99.999%)	3 mm - 6 mm
310800GN4NDZ	Ga <sub>2</sub> O <sub>3</sub> (99.99%)	Customized
310800GN5NDZ	Ga <sub>2</sub> O <sub>3</sub> (99.999%)	Customized

## 2. Chemical compositions

Element Typical Value Purity	Chemical Composition (ppm)					
	Pb	Zn	Fe	Cr	Ni	Na
99.99%	≤ 15	≤ 20	≤ 25	≤ 15	≤ 10	≤ 10
99.999%	≤ 0.5	≤ 1.0	≤ 2.0	≤ 0.5	≤ 1.0	≤ 1.5

*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.

### **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 a dust mask, ensure proper ventilation, avoid moisture and strong mechanical impact;

Stored in a dry, dark, and sealed container to prevent moisture and contamination.

### **Contact Us**

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