



# Shanghai Sheeny Metal Mateirals Co.,Ltd.

TEL : +86-400-663-2276 Web: [www.eternal-element.com](http://www.eternal-element.com)

E-mail : [sales@eternal-element.com](mailto:sales@eternal-element.com) Add :Room 210, 688 Huajiang Road, Shanghai(PRC)

## ★PRODUCT INFORMATION

COA Number :  
Product Name : Terbium Oxide  
CAS.No : 12037-01-3  
Molecular Formula : Tb<sub>4</sub>O<sub>7</sub>  
Batch Number :  
Purity : 99.999%  
Particle size (D50) : 3-6μm



Terbium Oxide  
CAS NO.12037-01-3



## ★Elemental Impurity Content

| Elemental                       | Content[ppm] | Elemental                      | Content[ppm] |
|---------------------------------|--------------|--------------------------------|--------------|
| La <sub>2</sub> O <sub>3</sub>  | ≤0.5         | Fe <sub>2</sub> O <sub>3</sub> | ≤1           |
| CeO <sub>2</sub>                | ≤0.5         | SiO <sub>2</sub>               | ≤20          |
| Pr <sub>6</sub> O <sub>11</sub> | ≤0.5         | CaO                            | ≤5           |
| Nd <sub>2</sub> O <sub>3</sub>  | ≤0.5         | CuO                            | ≤1           |
| Sm <sub>2</sub> O <sub>3</sub>  | ≤0.5         | MgO                            | ≤1           |
| Eu <sub>2</sub> O <sub>3</sub>  | ≤0.5         | PbO                            | ≤1           |
| Gd <sub>2</sub> O <sub>3</sub>  | ≤2           | NaO                            | ≤1           |
| Tb <sub>4</sub> O <sub>7</sub>  | 99.999%      | NiO                            | ≤1           |
| Dy <sub>2</sub> O <sub>3</sub>  | ≤1           | P                              | ≤5           |
| Ho <sub>2</sub> O <sub>3</sub>  | ≤0.5         | S                              | ≤20          |
| Er <sub>2</sub> O <sub>3</sub>  | ≤0.5         | Cl                             | ≤50          |
| Tm <sub>2</sub> O <sub>3</sub>  | ≤0.5         | REO                            | > 99.7%      |
| Yb <sub>2</sub> O <sub>3</sub>  | ≤0.5         | LOI                            | < 1%         |
| Lu <sub>2</sub> O <sub>3</sub>  | ≤0.5         |                                |              |
| Y <sub>2</sub> O <sub>3</sub>   | ≤1           |                                |              |

Analysis sheet is only applicable to the batch number of the contract corresponding to the customer who purchases our products, and does not represent the quality of all our products under the same specifications. Specific indicator requirements can be confirmed with our sales personnel!

“Thank you for your long-term care and support for our company”

© 2025 Shanghai Sheeny Metal Materials Co.,Ltd.Copyright