



# Shanghai Sheeny Metal Mateirals Co.,Ltd.

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## ★PRODUCT INFORMATION

COA Number :  
Product Name : Thulium Chloride Hydrate  
CAS.No : 1331-74-4  
Molecular Formula :  $\text{TmCl}_3 \cdot 6\text{H}_2\text{O}$   
Batch Number :  
Purity : 99.99%  
Total REO : > 39%



## ★Elemental Impurity Content

| Elemental                       | Content[%] | Elemental                      | Content[%]           |
|---------------------------------|------------|--------------------------------|----------------------|
| Tm <sub>2</sub> O <sub>3</sub>  | 99.99%     | Fe <sub>2</sub> O <sub>3</sub> | < 0.001              |
| La <sub>2</sub> O <sub>3</sub>  | < 0.01%    | SiO <sub>2</sub>               | < 0.003              |
| CeO <sub>2</sub>                |            | CaO                            | < 0.002              |
| Pr <sub>6</sub> O <sub>11</sub> |            | CuO                            | < 0.005              |
| Nd <sub>2</sub> O <sub>3</sub>  |            | MgO                            | N.D                  |
| Sm <sub>2</sub> O <sub>3</sub>  |            | PbO                            | N.D                  |
| Eu <sub>2</sub> O <sub>3</sub>  |            | NaO                            | 0.001                |
| Gd <sub>2</sub> O <sub>3</sub>  |            | NiO                            | N.D                  |
| Tb <sub>4</sub> O <sub>7</sub>  |            | P                              | N.D                  |
| Dy <sub>2</sub> O <sub>3</sub>  |            | S                              | N.D                  |
| Ho <sub>2</sub> O <sub>3</sub>  |            | Cl                             | N.D                  |
| Er <sub>2</sub> O <sub>3</sub>  |            | Hydrolysis Insolubles          | < 0.5%               |
| Yb <sub>2</sub> O <sub>3</sub>  |            | Water Solubility Test          | Complete Dissolution |
| Lu <sub>2</sub> O <sub>3</sub>  |            |                                |                      |
| Y <sub>2</sub> O <sub>3</sub>   |            |                                |                      |

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”

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