



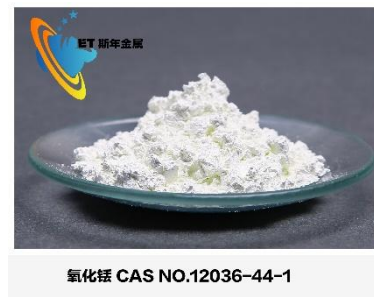
# Shanghai Sheeny Metal Mateirals Co.,Ltd.

Tel : +86-400-663-2276 Web: www.eternal-element.cn

E-Mail : sales@eternal-element.com Address : 560 Suide Road, Putuo District, Shanghai

## ★Products

COA Encoding :  
 Product Name : Thulium Oxide  
 CAS.No : 12036-44-1  
 Molecular Formula :  $Tm_2O_3$   
 Lot Number :  
 Purity : 99.9%  
 Particle Size (D50) : 10-20 $\mu$ m



## ★Element Impurity Content

Element	Content [%]	Element	Content [%]
Tm <sub>2</sub> O <sub>3</sub>	99.9%	Fe <sub>2</sub> O <sub>3</sub>	< 0.02
La <sub>2</sub> O <sub>3</sub>	Total ≤0.1%	SiO <sub>2</sub>	< 0.01
CeO <sub>2</sub>		CaO	< 0.01
Pr <sub>6</sub> O <sub>11</sub>		CuO	< 0.05
Nd <sub>2</sub> O <sub>3</sub>		MgO	No Detect
Sm <sub>2</sub> O <sub>3</sub>		PbO	No Detect
Eu <sub>2</sub> O <sub>3</sub>		NaO	No Detect
Gd <sub>2</sub> O <sub>3</sub>		NiO	No Detect
Tb <sub>4</sub> O <sub>7</sub>		P	No Detect
Dy <sub>2</sub> O <sub>3</sub>		S	No Detect
Ho <sub>2</sub> O <sub>3</sub>		Cl	< 0.02
Er <sub>2</sub> O <sub>3</sub>		REO	> 99%
Yb <sub>2</sub> O <sub>3</sub>		LOI	< 1%
Lu <sub>2</sub> O <sub>3</sub>			
Y <sub>2</sub> O <sub>3</sub>			

This analysis sheet is only used for the batch number of the contract corresponding to the customer who purchased our company's 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 to our company”

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