



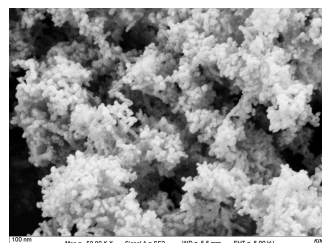
Shanghai Sheeny Metal Mateirals Co.,Ltd.

TEL : +86-400-663-2276 Web: www.eternal-element.com

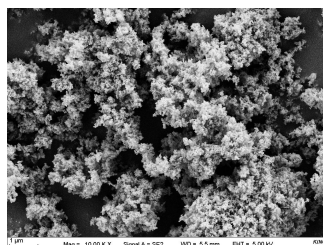
E-mail : sales@eternal-element.com Add :Room 210, 688 Huajiang Road, Shanghai(PRC)

★PRODUCT INFORMATION

COA Number :
Product Name : Nano Ytterbium Oxide
CAS.No : 1314-37-0
Molecular Formula : Yb_2O_3
Batch Number :
Purity : 99.995%
Total REO : $\geq 98.5\%$



Ytterbium Oxide
CAS NO.1314-37-0



★Elemental Impurity Content

I T E M			STANDARD	DATA	RESULT
TREO%			≥ 98.5	> 98.5	√
$\text{Yb}_2\text{O}_3/\text{REO}\%$			≥ 99.995	> 99.995	√
IMPURITY CONTENT %	RARE EARTH CONTENT /REO %	La_2O_3	≤ 0.0002	≤ 0.0002	√
		CeO_2	≤ 0.0002	≤ 0.0002	√
		Pr_6O_{11}	≤ 0.0002	≤ 0.0002	√
		Nd_2O_3	≤ 0.0002	≤ 0.0002	√
		Sm_2O_3	≤ 0.0002	≤ 0.0002	√
		Eu_2O_3	≤ 0.0002	≤ 0.0002	√
		Gd_2O_3	≤ 0.0002	≤ 0.0002	√

		Tb ₄ O ₇	≤0.0002	≤0.0002	√
		Dy ₂ O ₃	≤0.0002	≤0.0002	√
		Ho ₂ O ₃	≤0.0002	≤0.0002	√
		Er ₂ O ₃	≤0.0002	≤0.0002	√
		Tm ₂ O ₃	≤0.0002	≤0.0002	√
		Yb ₂ O ₃			
		Lu ₂ O ₃	≤0.0002	≤0.00002	√
		Y ₂ O ₃	≤0.0002	≤0.00002	√
	NON-RARE EARTH CONTENT %	Fe ₂ O ₃	≤0.01	0.0023	√
		SiO ₂	≤0.01	0.0037	√
		CaO	≤0.01	0.0010	√
		Cl-	≤0.01	0.0090	√
1000°C,1h,%Loss on ignition of 1000°C%		≤1	0.74	√	
BET(m ² /g)		15-22	20.13	√	
SEM(nm)		<100(99%)	<100(99%)	√	

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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