



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Gadolinium oxide

CAS: 12064-62-9

Batch Number: FTF0260129 Batch Quantity: 100kg

Manufacture Date: Jan.27th,2026 Analysis Date: Jan.28th,2026 Certificate Date: Jan.29th,2026

Storage Store in tightly closed original container,protected from light,in a dry place at low temperature($\leq 25^{\circ}\text{C}$)
term of validity If it is properly kept unopened for 36 months, it can still be used if it is qualified after re inspection.

Item	Specification	Result
Gd203/TREO (% min.)	99.95%	99.99%
TREO (% min.)	99%	99%
RE Impurities (%/TREO)		
La203	$\leq 0.005\%$	0.0005%
Ce02	$\leq 0.005\%$	0.001%
Pr6011	$\leq 0.005\%$	0.001%
Nd203	$\leq 0.005\%$	0.001%
Sm203	$\leq 0.005\%$	0.003%
Non-RE Impurities (%)		
Fe203	$\leq 0.005\%$	0.0005%
Si02	$\leq 0.01\%$	0.005%
Cao	$\leq 0.01\%$	0.005%
Cuo	$\leq 0.05\%$	0.0005%
PbO	$\leq 0.005\%$	0.0005%
NiO	$\leq 0.005\%$	0.001%

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

