

# Specification

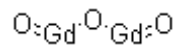
17.01.2022

Code No.: EO04664

CAS No.: 11129-31-0 / 12064-62-9

EINECS No.: 235-060-9

Chemical Name: **Gadolinium oxide**  
 Synonyms: Gadolinium(III) oxide Digadolinium trioxide

**Structure:**

 Molecular Formula:  $Gd_2O_3$ 

Molecular Weight: 362.49

Product Properties: Appearance: white powder

TREO: $\geq 99.5\%$	$Gd_2O_3$ /TREO : $\geq 99.99\%$
RE Impurities Content(max%)	Non-RE Impurities Content(max%)
Pr6O11/TREO: 0.001	Fe2O3 : 0.003
CeO2/TREO : 0.0005	CaO : 0.005
Ho2O3/TREO : 0.001	PbO2 : 0.003
Y2O3/TREO : 0.001	SiO2 : 0.005
Tm2O3 : 0.0005	Cl: 0.005

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