Product Specification

cdhfinechemical.com

NEODYMIUM (III) OXIDE

PRODUCT CODE	**RE2100**
SYNONYMS	--
C.I. NO.	--
CASR NO.	**(1313-97-9)**
ATOMIC OR MOLECULAR FORMULA	**Nd_2O_3**
ATOMIC OR MOLECULAR WEIGHT	**336.48**
PROPERTIES	**Slightly hygroscopic.**

Nd_2O_3

PARAMETER	**LIMIT**
Description	Light blue-coloured powder.
Solubility	Insoluble in water moderately soluble in strong mineral acids.
Minimum assay (Trace metal basis)	99.99%
MAXIMUM LIMIT OF IMPURITIES	
Rare Earth Impurities	
Lanthanum (La_2O_3)	0.005%
Cerium (CeO_2)	0.0005%
Praseodymium (Pr_6O_{11})	0.005%
Samarium (Sm_2O_3)	0.0003%
Europium (Eu_2O_3)	0.0003%
Yttrium (Y_2O_3)	0.0003%
Non-Rare Earth Impurities	
Ferric (Fe_2O_3)	0.001%
Silicon di oxide (SiO_2)	0.003%
Calcium (CaO)	0.005%
Copper (CuO)	0.0002%
Lead (PbO)	0.0005%
Nickel (NiO)	0.0005%
Chloride (Cl)	0.005%

Note(s) : Assay (if applicable) method mentioned.

DANGER
Hazard statements: --
Precautionary statements
Prevention--
Response: --

IMDG Code : --
4UN No. : --
IATA : --

Disposal: --

Hazard Pictogram(s) :-