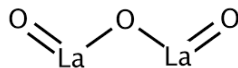


## Product Information

### LANTHANUM OXIDE 99,9 % AR

Lanthanum(III) oxide



<b>Product Code</b>	O-5242	<b>Grade</b>	Analytical Reagent
<b>Purity</b>	99,9%	<b>CAS No</b>	1312-81-8
<b>Molecular Formula</b>	La <sub>2</sub> O <sub>3</sub>	<b>Molecular Weight</b>	325,81 g/mol
<b>H.S.Code</b>	2846.9090	<b>Shelf Life</b>	60 Months

### Physical Properties

<b>Physical state</b>	Powder	<b>Melting point</b>	2.305 - 2.315 °C at ca.1.013 hPa
<b>Colour</b>	White	<b>Solubility in water</b>	0,00007 g/l at 20 °C
<b>Boiling point</b>	4.200 °C at 1.013 hPa	<b>Auto-ignition temperature</b>	> 400 °C at 1.013,25 hPa
<b>Density</b>	6,51 g/cm <sup>3</sup> at 25 °C		

### Packaging

100 g

### Specification

Appearance	White to off white to grey or buff color powder
Assay	min 99.9 %
Chloride (Cl)	max 0.003 %
Sulphate (SO <sub>4</sub> )	max 0.005 %
Calcium (Ca)	max 0.002 %
Copper (Cu)	max 0.005 %
Iron (Fe)	max 0.002 %
Magnesium (Mg)	max 0.0003 %

### Safety Information and Hazard Symbols

NO GHS

Symbol: not applicable

Signal Word: not applicable

UN No.: not applicable

IMCO Class No.: not applicable

Packing Group: not applicable

Hazardous Statement: not applicable

Precaution Statement: not applicable

Labotiq