

# HANGZHOU OCEAN CHEMICAL CO., LIMITED

ROOM902, ZEC DEVELOPMENT BUILDING, NO. 258 BAISHI ROAD, GONGSHU DISTRICT, HANGZHOU,  
ZHEJIANG, CHINA

Tel: +86-571-88025872 Fax: +86-571-88025871

## CERTIFICATE OF ANALYSIS

Product name	Lanthanum(III) Chloride Anhydrous
CAS NO	10099-58-8
Batch No	20231202
Structure	LaCl <sub>3</sub>
Quantity	5000kg
Report date	Dec. 2, 2023

Test items	Results
La <sub>2</sub> O <sub>3</sub> /TREO	99.99%
TREO	66.29%
RE Impurities	
CeO <sub>2</sub> /TREO	0.0020%
Pr <sub>6</sub> O <sub>11</sub> /TREO	<0.0015%
Nd <sub>2</sub> O <sub>3</sub> /TREO	<0.0010%
Sm <sub>2</sub> O <sub>3</sub> /TREO	<0.0010%
Y <sub>2</sub> O <sub>3</sub> /TREO	<0.0010%
Non-RE impurities	
Fe <sub>2</sub> O <sub>3</sub>	<0.0030%
SiO <sub>2</sub>	<0.0030%
CaO	<0.0030%
H <sub>2</sub> O	<0.8%
Water Solubility	Clear

Q.C. Director:

Analyst:

Collator:

