

# HANGZHOU OCEAN CHEMICAL CO., LTD

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## CERTIFICATE OF ANALYSIS

Product name	Ammonium cerium(IV) sulfate dihydrate
CAS NO	10378-47-9
Batch No	20161024
Quantity	500KG
Manufacture date	Oct 24, 2016
Report date	Oct 24, 2016
Quality Standard	Enterprise standard

Inspection	Test Results
Apperance	Orange red crystal
Total Rare Earth Oxides(TREO)	27.00% min
CeO <sub>2</sub> /TERO	99.95% min
Imputities	
La <sub>2</sub> O <sub>3</sub>	0.0015% max
Y <sub>2</sub> O <sub>3</sub>	0.0010% max
Pr <sub>6</sub> O <sub>11</sub>	0.0010% max
Nd <sub>2</sub> O <sub>3</sub>	0.0010% max
Sm <sub>2</sub> O <sub>3</sub>	0.0008% max
Fe <sub>2</sub> O <sub>3</sub>	0.0005% max
SiO <sub>2</sub>	0.0020% max
CaO	0.0022% max
Conclusion: The result conforms to the enterprise standard as above	

Q.C.Director:

Analyst:

Collator:

