

## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	Cerium(III) chloride beads
<b>Cat. No.:</b>	1043381
<b>CAS No.:</b>	7790-86-5
<b>Molecular Formula:</b>	CeCl <sub>3</sub>
<b>Molecular Weight:</b>	246.48
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lf1114182274
<b>Storage:</b>	Store at room temperature
<b>Test Date:</b>	2022-11-14
<b>Retest Date:</b>	2027-11-13
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	White to off-white (Solid)
<b>TREO:</b>	69.33%
<b>CeO<sub>2</sub>/TREO:</b>	99.98%
<b>La<sub>2</sub>O<sub>3</sub>/TREO:</b>	0.0117%
<b>Pr<sub>6</sub>O<sub>11</sub>/TREO:</b>	0.0032%
<b>NdO<sub>3</sub>/TREO:</b>	0.0027%
<b>Sm<sub>2</sub>O<sub>3</sub>/TREO:</b>	<0.001%
<b>Y<sub>2</sub>O<sub>3</sub>/TREO:</b>	<0.001%
<b>Ca:</b>	0.0033%
<b>Fe:</b>	0.0017%
<b>Na:</b>	0.0027%
<b>Al<sub>2</sub>O<sub>3</sub>:</b>	0.0022%
<b>H<sub>2</sub>O:</b>	<0.37%
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

**Caution: Research use only and are not intended for human use.**

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