

## Certificate of Analysis

### Compound Information

Product Name:	Gadolinium chloride
Cat. No.:	1098673
CAS No.:	10138-52-0
Molecular Formula:	Cl <sub>3</sub> Gd
Molecular Weight:	263.61
Chemical Structure:	



### Batch Information

Batch No.:	Lf0512133293
Storage:	Storage temp. 2-8°C
Test Date:	2022-05-12
Retest Date:	2025-05-11
Origin:	Shanghai, China

### QC Summary

Appearance:	White to off-white (Solid)
Purity:	≥99.0%
La <sub>2</sub> O <sub>3</sub> :	≤0.0005%
CeO <sub>2</sub> :	≤0.0006%
Pr <sub>6</sub> O <sub>11</sub> :	≤0.0008%
Nd <sub>2</sub> O <sub>3</sub> :	≤0.0005%
Sm <sub>2</sub> O <sub>3</sub> :	≤0.0008%
Tb <sub>4</sub> O <sub>7</sub> :	≤0.0005%
Eu <sub>2</sub> O <sub>3</sub> :	≤0.0005%
Dy <sub>2</sub> O <sub>3</sub> :	≤0.0005%
Ho <sub>2</sub> O <sub>3</sub> :	≤0.0005%
Er <sub>2</sub> O <sub>3</sub> :	≤0.0005%
Tm <sub>2</sub> O <sub>3</sub> :	≤0.0005%
Yb <sub>2</sub> O <sub>3</sub> :	≤0.0005%
Lu <sub>2</sub> O <sub>3</sub> :	≤0.0005%

<b>Y<sub>2</sub>O<sub>3</sub>:</b>	≤0.0008%
<b>Fe<sub>2</sub>O<sub>3</sub>:</b>	≤0.0009%
<b>SiO<sub>2</sub>:</b>	≤0.0035%
<b>CaO:</b>	≤0.0030%
<b>H<sub>2</sub>O:</b>	≤0.5%

**Conclusion:** 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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