

# Product Specification

Product No.: A66649

Product Name: Gadolinium(III) chloride hexahydrate ,99.999%(REO)

CAS : 13450-84-5

| Item                           | Specification                       |
|--------------------------------|-------------------------------------|
| Color and form                 | White crystalline powder or crystal |
| Purity                         | $\geq 99.999\%$ (REO)               |
| La <sub>2</sub> O <sub>3</sub> | $\leq 1\text{ppm}$                  |
| CeO <sub>2</sub>               | $\leq 1\text{ppm}$                  |
| Praseodymium oxide (III, IV)   | $\leq 1\text{ppm}$                  |
| Nd <sub>2</sub> O <sub>3</sub> | $\leq 1\text{ppm}$                  |
| Sm <sub>2</sub> O <sub>3</sub> | $\leq 3\text{ppm}$                  |
| Eu <sub>2</sub> O <sub>3</sub> | $\leq 3\text{ppm}$                  |
| Fe <sub>2</sub> O <sub>3</sub> | $\leq 3\text{ppm}$                  |
| Sulfate                        | $\leq 15\text{ppm}$                 |
| SiO <sub>2</sub>               | $\leq 10\text{ppm}$                 |
| CaO                            | $\leq 10\text{ppm}$                 |

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