

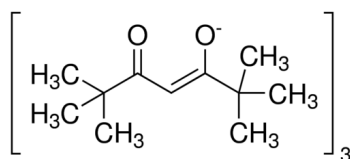


**Headquarters**  
11555 Medlock Bridge Rd, #100  
Johns Creek, GA 30097, USA  
T: +1.888.658.1221; F: +1.678.619.2020

**Manufacturing site**  
410 Forest Avenue  
Sheboygan Falls, WI 53085, USA  
T: +1.920.234.2322 F: +1.678.619.2020

E: [info@ereztech.com](mailto:info@ereztech.com) W: <https://www.ereztech.com>

## PRODUCT SPECIFICATION



Gd<sup>3+</sup>

|                   |   |
|-------------------|---|
| Product Name      | <a href="#"><u>Tris(2,2,6,6-tetramethyl- 3,5-heptanedionato)gadolinium(III)</u></a> |
| Product Code      | GD8151  |
| CAS Number        | 14768-15-1  |
| Molecular formula | C <sub>33</sub> H <sub>57</sub> GdO <sub>6</sub>                                    |
| Linear formula    | Gd(C <sub>11</sub> H <sub>19</sub> O <sub>2</sub> ) <sub>3</sub>                    |
| Molecular weight  | 707.07  |
| Sensitivity       | moisture  |

### TEST

### SPECIFICATION

|                |                  |
|----------------|------------------|
| Assay (purity) | 98.5%+           |
| Purity method  | by titration     |
| Metal purity   | 99.9%-Gd         |
| Appearance     | off-white powder |
| Titration      | %Gd=21.9-22.5    |
| Titration type | complexometric   |

For available packaging options or alternative purify grades please contact our technical services.

The offered information is intended to be used by technically qualified personnel at their discretion and risk. The current Specification sheet may be available at [ereztech.com](http://ereztech.com). Purchaser must determine the suitability of the product for its particular use.