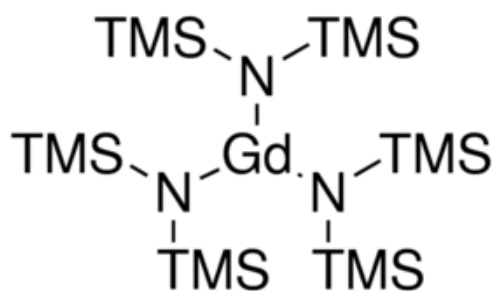


# PRODUCT SPECIFICATION



| PRODUCT SPECIFICATION |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| Product Code          | GD9038                                                               |
| Product Name          | Tris[N,N-Bis(trimethylsilyl)amide]gadolinium(III)                    |
| CAS Number            | 35789-03-8                                                           |
| Molecular formula     | C <sub>18</sub> H <sub>54</sub> GdN <sub>3</sub> Si <sub>6</sub>     |
| Linear formula        | Gd(N(Si(CH <sub>3</sub> ) <sub>3</sub> ) <sub>2</sub> ) <sub>3</sub> |
| Molecular weight      | 638.40                                                               |
| Form                  | solid                                                                |
| Melting point         | 67-90C                                                               |
| Sensitivity           | air, moisture                                                        |



| TEST SPECIFICATION |                |
|--------------------|----------------|
| Assay (purity)     | 98%            |
| Purity method      | by titration   |
| Metal purity       | 98%-Gd         |
| Appearance         | white powder   |
| Titration          | %Gd=24.0-25.5  |
| Titration notes    | complexometric |

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



700 N Progress Dr, Saukville, WI 53080, USA  
T +1.920.234.2322 F +1.678.619.2020

W [www.ereztech.com](http://www.ereztech.com)  
E [info@ereztech.com](mailto:info@ereztech.com)

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.