

# PRODUCT SPECIFICATION



## PRODUCT SPECIFICATION

|                     |                                        |
|---------------------|----------------------------------------|
| <b>Product Code</b> | <b>CE0001</b>                          |
| Product Name        | Tris(butylcyclopentadienyl)cerium(III) |
| Molecular formula   | $C_{27}H_{39}Ce$                       |
| Linear formula      | $Ce[C_5H_4CH_2(CH_2)_2CH_3]_3$         |
| Molecular weight    | 503.71                                 |
| Form                | solid                                  |
| Sensitivity         | air                                    |



## TEST SPECIFICATION

|                       |                |
|-----------------------|----------------|
| <b>Assay (purity)</b> | <b>98%+</b>    |
| Purity method         | by titration   |
| Metal purity          | 99.9%-Ce       |
| Appearance            | viscous liquid |
| Titration             | %Ce=27.3-28.4  |
| Titration notes       | complexometric |

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



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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.