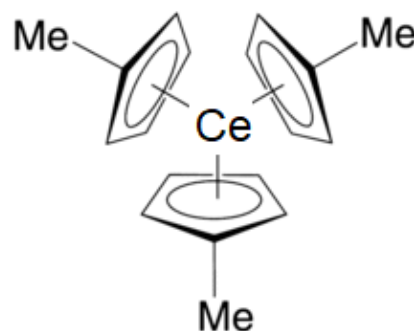


# PRODUCT SPECIFICATION



## PRODUCT SPECIFICATION

|                     |                                         |
|---------------------|-----------------------------------------|
| <b>Product Code</b> | <b>CE0002</b>                           |
| Product Name        | Tris(methylcyclopentadienyl)cerium(III) |
| Molecular formula   | $C_{18}H_{21}Ce$                        |
| Linear formula      | $(C_5H_4CH_3)_3Ce$                      |
| Molecular weight    | 377.10                                  |
| Form                | solid                                   |
| Sensitivity         | air, moisture                           |



## TEST SPECIFICATION

|                       |                          |
|-----------------------|--------------------------|
| <b>Assay (purity)</b> | <b>96.5%</b>             |
| Purity method         | by titration             |
| Metal purity          | 99.9%-Ce                 |
| Appearance            | yellow to brown crystals |
| Titration             | %Ce=35.8-38.4            |
| 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)

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