

# PRODUCT SPECIFICATION



| PRODUCT SPECIFICATION |                                                  |
|-----------------------|--------------------------------------------------|
| <b>Product Code</b>   | <b>EU0001</b>                                    |
| Product Name          | Tris(cyclopentadienyl)europium(III)              |
| CAS Number            | N/A                                              |
| Molecular formula     | C <sub>15</sub> H <sub>15</sub> Eu               |
| Linear formula        | (C <sub>5</sub> H <sub>5</sub> ) <sub>3</sub> Eu |
| Molecular weight      | 347.24                                           |
| Form                  | solid                                            |
| Sensitivity           | air, moisture                                    |



| TEST SPECIFICATION    |                          |
|-----------------------|--------------------------|
| <b>Assay (purity)</b> | <b>98%+</b>              |
| Purity method         | by titration             |
| Metal purity          | 99.9%-Er                 |
| Appearance            | brown powder or crystals |
| Elemental analysis    | %C=50.6-5.2; %H=4.2-4.5  |
| Titration             | %Er=42.7-44.9            |
| Titration notes       | complexometric           |

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



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