



Certificate of analysis

Reference #: 2019008-031/365

Manufacturing date: **02/19/19**

Analysis date: **02/25/19**

| | | | | | |
|--------------|---|-------------------|--|--------|---------------------------|
| Product name | Tris(cyclopentadienyl)cerium (99.9 % - metals basis) | | | | |
| Ereztech # | CE8539 | CAS# | 1298-53-9 | Purity | 98.0% by titration |
| Lot/batch # | 031/365 | Net weight/volume | 100g | Seal # | N/A |
| Packaging | 1 glass ampule | Storage | Air, moisture sensitive. Shelf life 1 year. | | |
| CofO | Russia | | | | |

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|----------------------|--|
| Analytical results | |
| Appearance | Yellow powder |
| Titration | % Ce = 40.9 % (complexometric) |
| Purity | 98% |
| ICP | >99.99% - Ce |
| Impurity weight, ppm | La₂O₃/TREO: <300 Pr₆O₁₁/TREO: <200 Nd₂O₃/TREO: <300 Sm₂O₃/TREO: <100 Y₂O₃/TREO: <100 |