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Certificate of analysis

Reference #: 2020091-019/304

Manufacturing date Oct/22/2020

Analysis date Oct/22/2020

| | | | | | |
|--------------|--|-------------------|---------------------------|--------|-----------------------------|
| Product name | Tris(2,2,6,6-tetramethyl-3,5-heptanedionato)gadolinium(III), 99% (99.9% - Gd) | | | | |
| Ereztech # | GD8151 | CAS# | 14768-15-1 | Purity | 99.0% (by titration) |
| Lot/batch # | 019/304 | Net weight/volume | 24000 g | Seal # | N/A |
| Packaging | 40 plastic bottles, 1 glass bottle. | Storage | Shelf life 1 year. | | |
| CofO | Russia | | | | |

| Analytical results | | | | |
|----------------------|-------------------------------------|-------------------|--------------|-------------------|
| Appearance | off-white crystalline powder | | | |
| Titration | %Gd = 22.02 (complexometric) | | | |
| Purity | 99.0% | | | |
| ICP | >99.9% | | | |
| Impurity weight, ppm | Eu2O3 | <0.0001 | Tb2O3 | <0.0001 |
| | Sm2O3 | <0.0001 | Y2O3 | <0.0001 |
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