

## Headquarters

Headquarters
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Manufacturing site

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## PRODUCT SPECIFICATION

| , C_H_                             | Product Name           | Samarium(III) acetylacetonate hydrate |
|------------------------------------|------------------------|---------------------------------------|
|                                    | Product Code           | SM2738                                |
| HC <sup>-</sup> Sm <sup>3+</sup> O | CAS Number             | 86322-73-8                            |
| O D-                               | –<br>Molecular formula | $C_{15}H_{21}O_6Sm.H_2O$              |
| / "                                | Linear formula         | [CH3COCH=C(O-)CH3]3Sm xH2O            |
| • H <sub>2</sub> O                 | Molecular weight       | 447.68 (anhydrous basis)              |
|                                    | Melting point          | 149C                                  |

| TEST           | SPECIFICATION    |
|----------------|------------------|
| Assay (purity) | 98%+             |
| Purity method  | by titration     |
| Metal purity   | 99.9%-Sm         |
| Appearance     | off-white powder |

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

The offered information is intended to be used by technically qualified personnel at their discretion and risk. The currentSpecification sheet may be available at ereztech.com. Purchaser must determine the suitability of the product for its particularuse.