

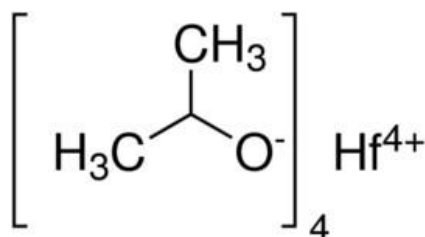


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## PRODUCT SPECIFICATION



|                   |  |
|-------------------|--|
| Product Name      | <a href="#">Hafnium isopropoxide isopropanol adduct</a>                            |
| CAS Number        | 2171-99-5  |
| Molecular formula | C <sub>12</sub> H <sub>28</sub> HfO <sub>4</sub>                                   |
| Linear formula    | Hf(OC <sub>3</sub> H <sub>7</sub> ) <sub>4</sub> *C <sub>3</sub> H <sub>7</sub> OH |
| Molecular weight  | 414.84   |
| Sensitivity       | moisture   |

| TEST           | SPECIFICATION               |
|----------------|-----------------------------|
| Assay (purity) | 99%                         |
| Purity method  | by integration NMR          |
| Metal purity   | 99.9%-Hf                    |
| Appearance     | colorless or white crystals |
| NMR            | conforms to structure       |

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 current Specification sheet may be available at [synor.ru](http://synor.ru). Purchaser must determine the suitability of the product for its particular use.