

# Certificate of Analysis

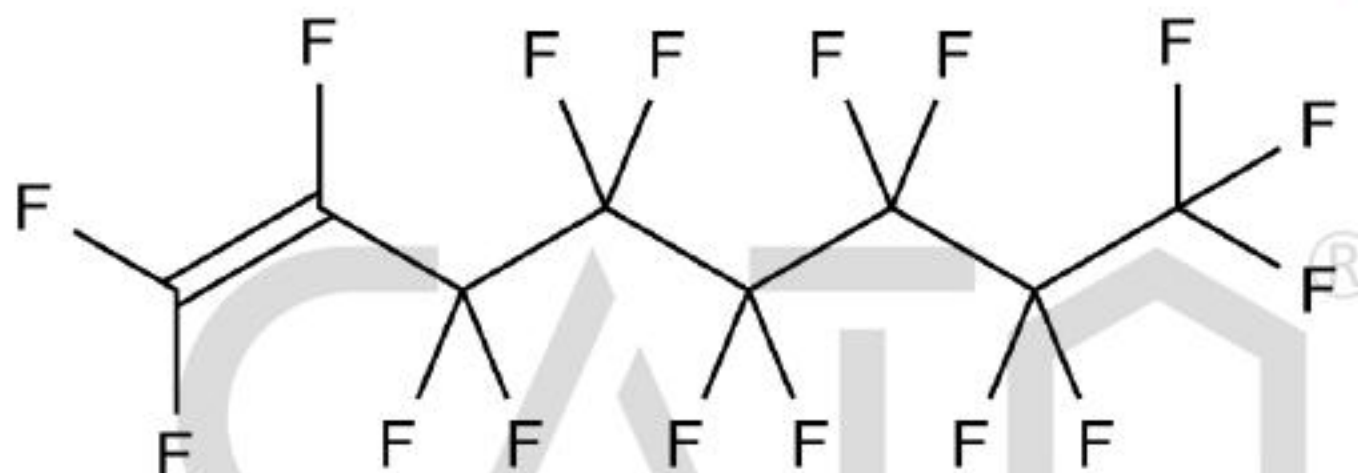
## Reference Material & Standard

|                           |                                                                                                                                             |                          |                                           |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | 1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,8-hexadecafluoro-1-octene<br>1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,8-hexadecakis(fluoranyl)oct-1-ene 559-14-8 A830856 | <b>Catalogue Number:</b> | C1921617                                  |
| <b>Synonyms:</b>          | N/A                                                                                                                                         | <b>Lot Number:</b>       | 1016-SA-7947                              |
| <b>CAS Number:</b>        | 559-14-8                                                                                                                                    | <b>Expiry Date:</b>      | Oct 15, 28                                |
| <b>Molecular Formula:</b> | C <sub>8</sub> F <sub>16</sub>                                                                                                              | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 400.06                                                                                                                                      |                          |                                           |

Warning:



Chemical Structure:



| Test Items      | Method            | Results   |
|-----------------|-------------------|-----------|
| Appearance      | Visual inspection | Solid     |
| Identification: | LC&HNMR           | Confirmed |
| Purity:         | HPLC              | 97.409%   |
| Uncertainty     |                   | ±2.0%     |

## Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

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Approved by General Manager:

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Date: Oct 16, 24

Date: Oct 16, 24

Date: Oct 16, 24



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## Directions:

- 1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
- 2. Minimum sample size: 1mg is recommended as the minimum sample size.*
- 3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
- 4. Instructions for handling and correct use: Handling in a well-ventilated place.*

## Document Version:

| Revision No. | Date       | Reason for Revision |
|--------------|------------|---------------------|
| 01           | Oct 16, 24 | First release.      |

