

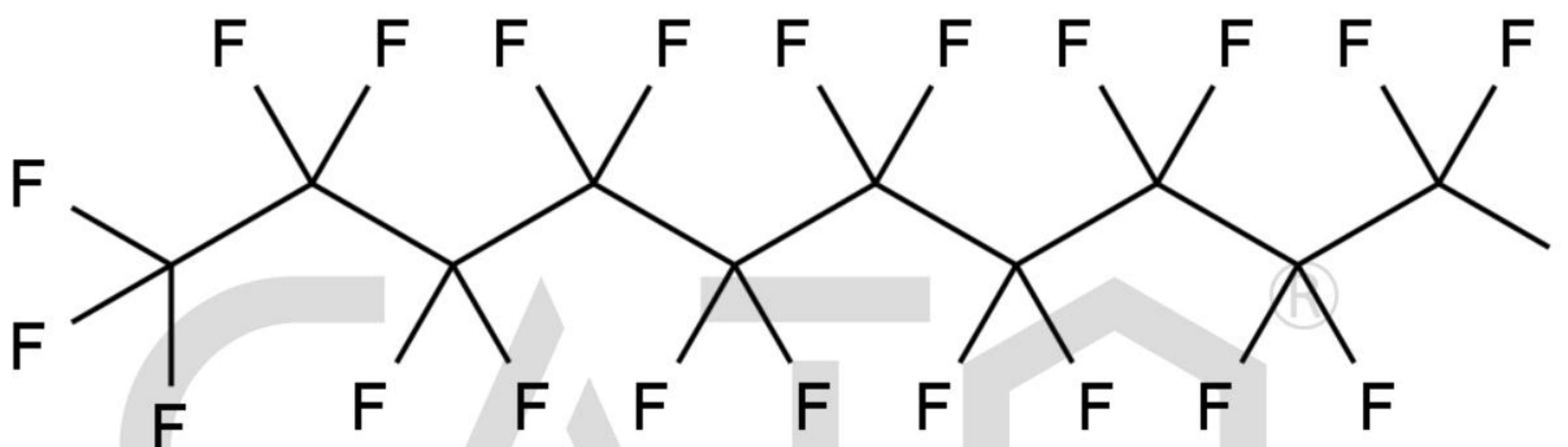
Certificate of Analysis

Reference Material & Standard

Product Name:	Heneicosafuorodecyl Iodide	Catalogue Number:	CCHM703339
Synonyms:	N/A	Lot Number:	0530-RF-0040
CAS Number:	423-62-1	Expiry Date:	May 28, 2028
Molecular Formula:	C10F21I	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	645.98	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Solid
Identification	GCMS&FNMR	Confirmed
Purity	GC	98.557%
Water Content	Karl Fischer	0.1326%
Assay		98.4%
Uncertainty		±2.0%

Comment:

1. The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content}) * \text{Purity GC (\%)} / 100\%$$

Water Content is considered as absolute effect, GC purity is considered as relative effect.

2. 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:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: May 30, 2024

Date: May 30, 2024

Date: May 30, 2024

