



CERTIFICATE OF ANALYSIS

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1. Identification

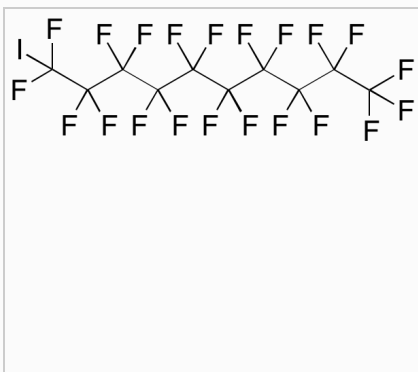
Catalogue Number: P286530

CAS Number: 423-62-1

Product: Perfluoro-1-iododecane

Synonym: Heneicosafuoro-1-iodo-decane;
1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-
heneicosafuoro-10-iododecane; 1-
Iodoheneicosafuorodecane; 1-
Iodoperfluorodecane; Heneicosafuoro-1-
iododecane; Perfluorodecyl iodide

Structure:



Molecular Formula:

$C_{10}F_{21}I$

Molecular weight:

645.98

Source of Product:

N/A

Solubility:

Chloroform (Slightly), Ethyl
Acetate (Slightly)

Lot Number: 711870479-1-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Dark Brown Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 18.57
GC Purity	Report Result	100.00%
MS	Conforms to Structure	Conforms

Additional Information:

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By

Sarbjeet Kaur

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

9/25/2023

Retest Date

9/23/2027