



CERTIFICATE OF ANALYSIS

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1. Identification

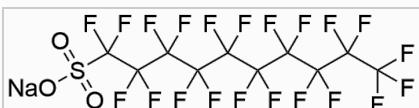
Catalogue Number: S080950

CAS Number: 2806-15-7

Product: Sodium Perfluoro-1-decanesulfonate

Synonym: Sodium Perfluorodecanesulfonate;
1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-
Heneicosfluoro-1-decanesulfonic Acid
Sodium Salt; L-PFDS

Structure:



Molecular Formula:

C₁₀F₂₁NaO₃S

Molecular weight:

622.13

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol
(Slightly)

Lot Number: 4-GOP-43-4

Purity: 96%

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	Pale Yellow to Pale Brown Solid	Pale Brown Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (ELSD)
Elemental Analysis	Conforms	%C: 19.55, %H: 0.21, %N: 0.71
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	4.21% by Ion Chromatography

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 ± 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	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Chanell Chu	3/4/2022	3/2/2026