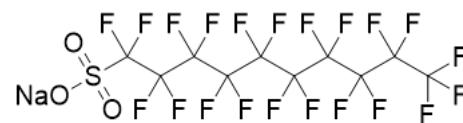


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number S080950 Lot Number 22-MGG-81-2

Product Name
Sodium Perfluoro-1-decanesulfonate

StructureSynonyms

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

CAS Number

2806-15-7 Solubility
DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₀F₂₁NaO₃S Source of Product
Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

622.13 Purity
>95%

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Pale Yellow to Pale Brown Solid	Pale Beige Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 17.90
HPLC Purity	>95%	100.00% (ELSD)
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	3.65% 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 $\pm 2\%$. 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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			6/15/2023	6/13/2027

Henry Tieu
Product Quality Specialist

Toni Rantanen
Manager, Quality Assurance

Chanell Chu
Jr. Quality Assurance