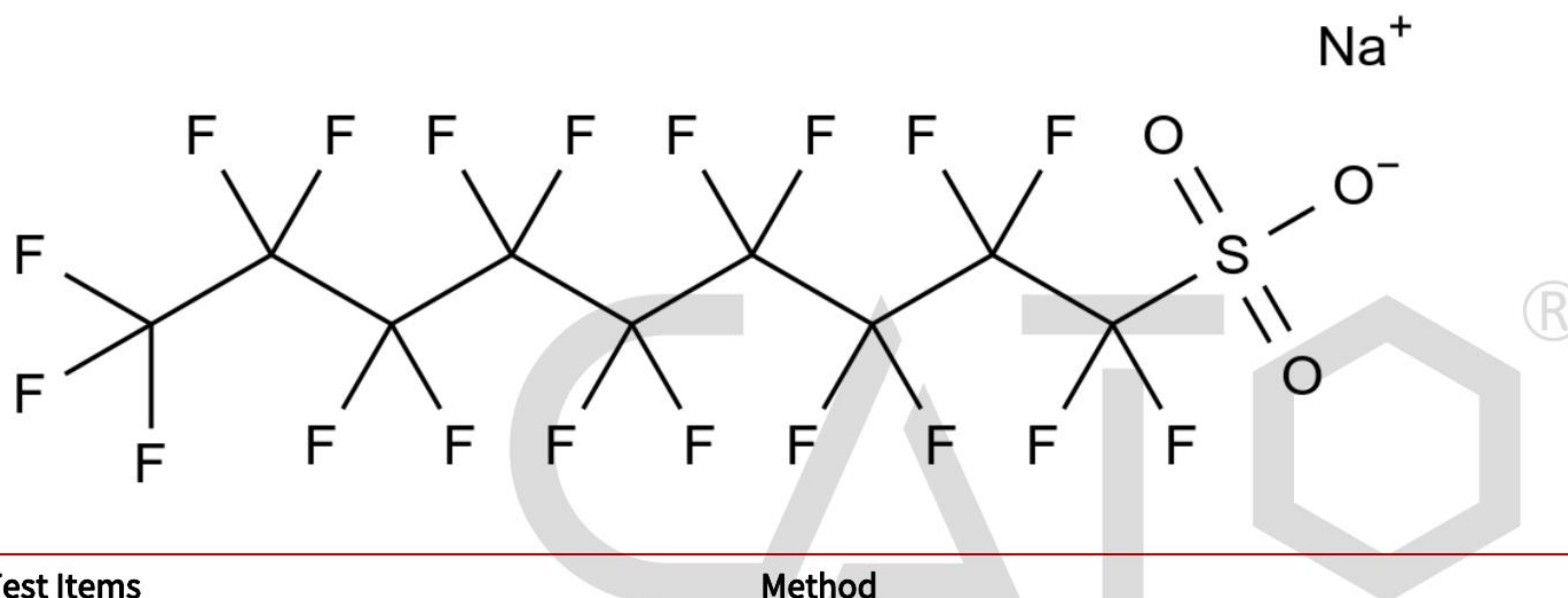


Certificate of Analysis

Reference Material & Standard

Product Name:	Sodium Perfluoro-1-nonanesulfonate	Catalogue Number:	CCHM705397
Synonyms:	N/A	Lot Number:	0823-RE-0020
CAS Number:	98789-57-2	Expiry Date:	Aug 03, 2027
Molecular Formula:	C ₉ F ₁₉ O ₃ S Na	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	549.13 22.99		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	Pale Beige to Light Beige Solid
Identification	LCMS&FNMR&HNMR	Confirmed
Purity	ELSD	99.6%
Uncertainty		±2.0%

Comment:

1. Sodium Content:4.0%
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:

Lisa

Reviewed by:

Hinlam

Aproved by General Manager:

David

Date: Aug 23, 2023

Date: Aug 24, 2023

Date: Aug 24, 2023

