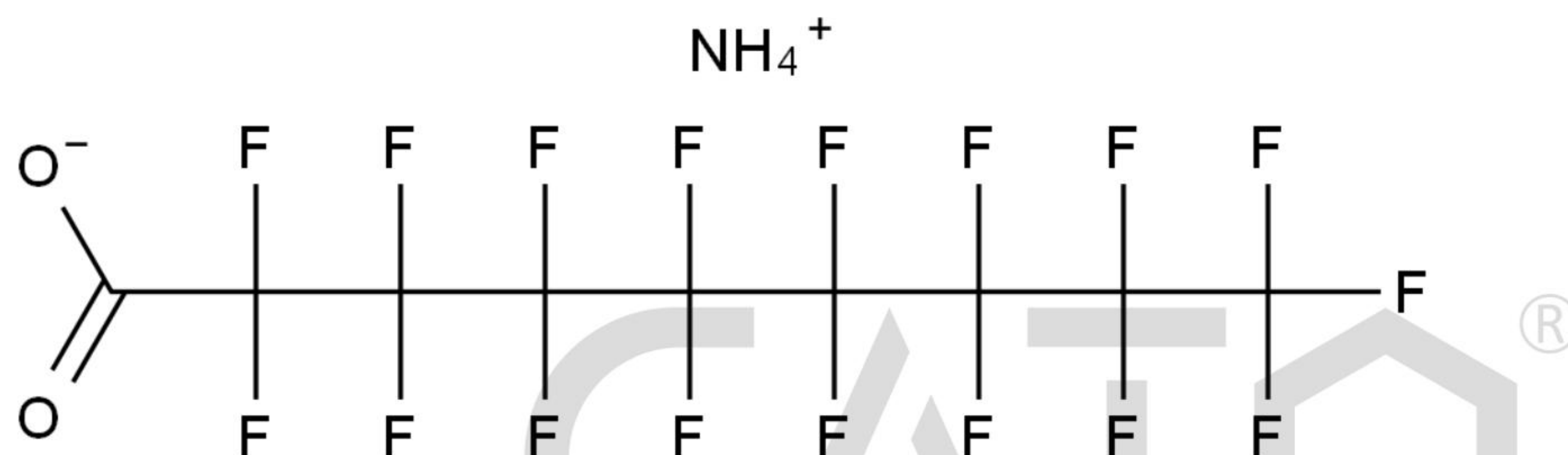


Certificate of Analysis

Reference Material & Standard

Product Name:	Ammonium Perfluorononanoate	Catalogue Number:	CCHM700838
Synonyms:	N/A	Lot Number:	0327-RE-0026
CAS Number:	4149-60-4	Expiry Date:	Dec 05, 2026
Molecular Formula:	C ₉ F ₁₇ O ₂ H ₄ N	Storage:	-20°C ± 5°C Protected from light and Sealed
Molecular Weight:	463.07 18.04		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&FNMR&HNMR	Confirmed
Purity	HPLC	98.1%
Uncertainty		±2.0%

Comment:

1. Ammonium Content: 3.14% by Ion Chromatography
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: 古雪

Reviewed by:

Xenia

Aproved by General Manager:

David

Date: Dec 06, 2022

Date: Mar 31, 2023

Date: Mar 31, 2023

