

## Certificate of Analysis

Date of Testing: 2023-05-05 16:27:19  
Date of Next Testing: 2027-05-04 16:27:19  
Product Name: **Nonafluorovaleric Acid**  
CAS Number: 2706-90-3  
Specifications & Purity: >97.0%  
Lot #: D2321160  
SKU #: **N159620**  
**Analysis:** **219733**  
Storage Temperature: Argon charged

| Parameter                        | Limit Values                      | Result                            |
|----------------------------------|-----------------------------------|-----------------------------------|
| Purity(Neutralization titration) | 96.5-103.5 (%)                    | 97.77%                            |
| Appearance (N159620)             | Colorless to Yellow to Tan Liquid | Colorless to Yellow to Tan Liquid |
| Fluorine NMR Spectrum            | Conforms to Structure             | Conforms to Structure             |
| Proton NMR spectrum              | Conforms to Structure             | Conforms to Structure             |



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