

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-07 16:43:30  
Date of Next Testing: 2025-06-26 16:43:30  
Product Name: **Fluoroethylene carbonate**  
CAS Number: 114435-02-8  
Specifications & Purity: 98%  
Lot #: G2301375  
SKU #: **F120339**  
**Analysis:** **243522**  
Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values                                      | Result  |
|-------------------------------------|---|---|
| Refractive index n <sub>20</sub> /D | 1.396-1.4   | 1.40  |
| Purity(GC)                          | 98-100 (%)  | 99.48 %   |
| Density (20°C)                      | 1.502-1.506                                       | 1.50  |
| Appearance (F120339)                | White to Colorless to Pale Yellow Liquid or Solid | White to Colorless to Pale Yellow Liquid or Solid |
| Proton NMR spectrum                 | Conforms to Structure                             | Conforms to Structure                             |



John Su  
QA & QC Manager