

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-19 11:40:00  
Date of Next Testing: 2024-07-08 11:40:00  
Product Name: **Fluoroethylene carbonate**  
CAS Number: 114435-02-8  
Specifications & Purity: 98%  
Lot #: G2214519  
SKU #: **F120339**  
**Analysis:** **092315**  
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                                     |
| Density (20°C)                      | 1.502-1.506                              | 1.50                                     |
| Purity(GC)                          | 98-100 (%)                               | 98.83 %                                  |
| Appearance (F120339)                | Colorless to pale yellow liquid or solid | Colorless to pale yellow liquid or solid |
| Proton NMR spectrum                 | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager