

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-02 11:21:06  
 Date of Next Testing: 2026-11-01 11:21:06  
 Product Name: **2,7-Dimethoxy-9H-thioxanthen-9-one**  
 CAS Number: 435344-88-0  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: J2330422  
 SKU #: **D404381**  
 Version: **1**  
 Analysis #: **285206**  
 Storage Temperature: Room temperature

| Parameter           | Limit Values                             | Result                                   |
|---------------------|------------------------------------------|------------------------------------------|
| Melting point       | 149-159 (°C)                             | 153.90000 °C                             |
| Purity(HPLC area)   | 98-100 (%)                               | 99.03800 %                               |
| Appearance(D404381) | Light yellow to Yellow powder to crystal | Light yellow to Yellow powder to crystal |
| NMR Spectrum 1H     | Conforms to structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager