

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-28 13:32:52

Date of Next Testing: 2028-04-27 13:32:52

Product Name: **Formaldehyde dimethyl acetal**

CAS Number: 109-87-5

Specifications & Purity: for synthesis

Lot #: D2517052

SKU # **F431409**

Version **1**

**Analysis #:** **505045**

Storage Temperature: Room temperature

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Assay(GC)                           | 98-100 (%)            | 99.62300 %            |
| Methanol(GC)                        | 0-0.5 (%)             | 0.02000 %             |
| Density(D20/4°C)                    | 0.861-0.866           | 0.86120               |
| Water by Karl Fischer               | 0-0.3 (%)             | 0.01700 %             |
| Refractive index n <sub>20</sub> /D | 1.352-1.356           | 1.35320               |
| Appearance(F431409)                 | Colorless Liquid      | Colorless liquid      |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager