

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-06 16:22:52

Date of Next Testing: 2024-02-29 16:22:52

Product Name: **Ethyl glyoxalate solution**

CAS Number: 924-44-7

Specifications & Purity: 50% in toluene

Lot #: B2328640

SKU #: **E106246**

Version: **1**

Analysis #: **188864**

Storage Temperature: Room temperature

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 97-100 (%)                       | 98.00000 %                       |
| Concentration(Titration excess HCl) | 48-52 (%)                        | 50.00000 %                       |
| Appearance (E106246)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                 | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager