

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-08 16:10:28  
 Date of Next Testing: 2025-08-07 16:10:28  
 Product Name: **N,N-Dimethylglycine ethyl ester**  
 CAS Number: 33229-89-9  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: K2105697  
 SKU #: **E136550**  
 Version: **0**  
 Analysis #: **261688**  
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                          | 98-100 (%)                       | 98.36000 %                       |
| Refractive index n <sub>20</sub> /D | 1.413-1.415                      | 1.41400                          |
| Density (20°C)                      | 0.929-0.934                      | 0.93100                          |
| Appearance (E136550)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager