

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-10 17:21:29  
 Date of Next Testing: 2025-09-29 17:21:29  
 Product Name: **Bromoacetaldehyde diethyl acetal**  
 CAS Number: 2032-35-1  
 Specifications & Purity:  $\geq 93\%$   
 Lot #: K2130696  
 SKU #: **B106904**  
 Version: **0**  
 Analysis #: **274520**  
 Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter                          | Limit Values               | Result                     |
|------------------------------------|----------------------------|----------------------------|
| Density (20°C)                     | 1.272-1.283                | 1.27500                    |
| Purity (Argentmetric Titration)    | 92.5-106.5 (%)             | 99.85000 %                 |
| Refractive index n <sub>20/D</sub> | 1.437-1.44                 | 1.43890                    |
| Purity(GC)                         | 93-100 (%)                 | 98.29500 %                 |
| Appearance (B106904)               | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                  | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager