

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-13 08:52:54  
 Date of Next Testing: 2030-03-12 08:52:54  
 Product Name: **(-)-Perillaldehyde**  
 CAS Number: 18031-40-8  
 Specifications & Purity:  $\geq 90\%$ (GC)  
 Lot #: B2628166  
 SKU #: **P160187**  
 Version: **1**  
 Analysis #: **672575**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                                               | Limit Values               | Result                     |
|-----------------------------------------------------------------------------------------|----------------------------|----------------------------|
| Refractive index n <sub>20</sub> /D                                                     | 1.506-1.51                 | 1.50840                    |
| Purity(GC)                                                                              | 90-100 (%)                 | 94.31500 %                 |
| Density (20°C)                                                                          | 0.966-0.97                 | 0.96800                    |
| Specific Rotation [α] <sub>20</sub> /D(589 nm) (c=10, C <sub>2</sub> H <sub>5</sub> OH) | -125--105 (°)              | -108.32300 °               |
| Appearance (P160187)                                                                    | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                                                                       | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager