

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-06 14:37:56  
Date of Next Testing: 2028-09-05 14:37:56  
Product Name: **Retinol**  
CAS Number: 68-26-8  
Specifications & Purity:  
Lot #: I2402131  
SKU #: **V111674**  
Version: **1**  
Analysis #: **400819**  
Storage Temperature: Store at -20°C, Argon charged

| Parameter  | Limit Values                             | Result                                   |
|--|--|--|
| Purity(HPLC)   | 95-100 (%)                               | 99.57500 %                               |
| Melting point  | 56-64 (°C)                               | 56.88000 °C                              |
| Appearance (V111674)   | Yellow to Orange Powder and/or<br>Chunks | Yellow to Orange Powder and/or<br>Chunks |
| Solubility in CHCL3 , Yellow to orange clear(50 pass<br>mg/ml) |  | Pass                                     |
| Proton NMR spectrum  | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager