

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-07 14:31:52
Date of Next Testing: 2028-04-06 14:31:52
Product Name: **Retinoic acid**
CAS Number: 302-79-4
Specifications & Purity: 98%
Lot #: C2429737
SKU #: **R106320**
Analysis: **327453**
Storage Temperature: Store at -20°C, Argon charged

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Melting point | 179-183 (°C) | 179.10000 °C |
| Purity(HPLC) | 98-100 (%) | 98.06000 % |
| Carbon by Elemental Analysis | 78.4-81.6 (%) | 80.12 % |
| Proton NMR spectrum | Conforms to structure | Conforms to Structure |
| Appearance (R106320) | yellow powder | yellow powder |
| Solubility in CHCL3 , Yellow to Yellow-Green ,Clear ,50 mg/mL | pass | Pass |



John Su
QA & QC Manager