

## Certificate of Analysis

Date of Testing: 2023-07-18 15:14:16  
Date of Next Testing: 2027-07-17 15:14:16  
Product Name: **Retinoic acid**  
CAS Number: 302-79-4  
Specifications & Purity: 98%  
Lot #: G2315039  
SKU #: **R106320**  
Version: **1**  
Analysis #: **056501**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.61000 %
Carbon by Elemental Analysis	78.4-81.6 (%)	79.91 %
Melting point	179-183 (°C)	182.99000 °C
Appearance (R106320)	yellow powder	yellow powder
Solubility in CHCL <sub>3</sub> , Yellow to Yellow-Green ,Clear ,50 mg/mL	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager