

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-22 14:22:36  
Date of Next Testing: 2025-08-17 14:22:36  
Product Name: **Xanthophyll**  
CAS Number: 127-40-2  
Specifications & Purity: analytical standard,90%  
Lot #: K2306142  
SKU #: **X109574**  
Version: **0**  
Analysis #: **402973**  
Storage Temperature: Store at -20°C,Argon charged

| Parameter            | Limit Values                   | Result                         |
|----------------------|--------------------------------|--------------------------------|
| Purity(HPLC)         | 90-100 (%)                     | 91.51400 %                     |
| Appearance (X109574) | Yellow to Very Dark Red Powder | Yellow to Very Dark Red Powder |
| Proton NMR spectrum  | Conforms to Structure          | Conforms to Structure          |



John Su  
QA & QC Manager