

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-19 11:34:10

Date of Next Testing: 2030-08-18 11:34:10

Product Name: **Xanthophyll**

CAS Number: 127-40-2

Grades & Purity: ≥75%

Lot #: H2615672

SKU #: **X109575**

Version: **0**

Analysis #: **747144**

Storage Temperature: Protected from light,Store at -20°C,Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	75-100 (%)	92.46000 %
UV (Lambda max 1)	423-427 (nm)	425.63500 nm
UV (Average % of Theory)	70-100 (%)	86.52800 %
UV (Lambda max 2)	443-447 (nm)	445.63500 nm
UV (Lambda max 3)	473-477 (nm)	475.92500 nm
Appearance (X109575)	orange to red or brown powder	orange to red or brown powder
Solubility in CH ₂ CL ₂ , Clear, Yellow to Orange or Brown, 0.98 - 1.02 mg/ml	pass	Pass
UV (Solvent Ethanol+NaBH ₄)	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager