

Certificate of Analysis

Date of Testing: 2024-10-29 14:38:47

Date of Next Testing: 2026-10-29 14:38:47

Product Name: **Canthaxanthin**

CAS Number: 514-78-3

Specifications & Purity: $\geq 95\%$ (HPLC)

Lot #: J2424304

SKU #: **A299058**

Version: **0**

Analysis #: **428618**

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

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	95.65000 %
Appearance (A299058)	Yellow, Brown to Very Dark Brown and Red Powder	Yellow, Brown to Very Dark Brown and Red Powder
LC-MS Test	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
UV Absorbance($\lambda_{\max}$)	465 $\pm$ 5 nm	465 $\pm$ 5 nm
λ , in hexane (with 2% dichloromethane)	Pass	Pass



John Su
QA & QC Manager