

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-15 17:01:07

Date of Next Testing: 2025-12-14 17:01:07

Product Name: **all-trans-Astaxanthin**

CAS Number: 472-61-7

Specifications & Purity: $\geq 95\%$

Lot #: L2208532

SKU #: **A390859**

Version: **1**

Analysis #: **157750**

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

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	96.51 %
Appearance(A390859)	Light Purple to Very Dark Purple Powder	Light Purple to Very Dark Purple Powder
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager