

Certificate of Analysis

Date of Testing: 2025-03-28 15:07:03

Date of Next Testing: 2027-03-28 15:07:03

Product Name: **Astaxanthin**

CAS Number: 472-61-7

Specifications & Purity: $\geq 95\%$ (HPLC),mixture of cis and trans

Lot #: C2527665

SKU #: **A141428**

Version **0**

Analysis #: **484492**

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

Parameter	Limit Values	Result
Melting point	215-225 (°C)	222.40000 °C
Purity(mixture of cis and trans)(HPLC)	95-100 (%)	95.77 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (A141428)	Red to dark red to dark purple to black powder to crystal or solid	Red to dark red to dark purple to black powder to crystal or solid



John Su
QA & QC Manager