

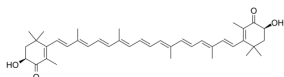
Certificate of Analysis

Product Name: Astaxanthin
Cat. No.: HY-B2163
CAS No.: 472-61-7
Batch No.: 36858
Chemical Name: β , β -Carotene-4,4'-dione, 3,3'-dihydroxy-, (3S,3'S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₄₀H₅₂O₄
Molecular Weight: 596.84
Storage:
Powder -20°C 3 years
In solvent -80°C 6 months
 -20°C 1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: Pale purple to purple (Solid)
¹H NMR Spectrum: Consistent with structure
MS: Consistent with structure
Purity (NMR): >98.0%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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