

Product Specification

产品类型 / **Product Type:** 分析对照品 / Reference Standards

产品编号 / **Cat Number:** SA8730

产品名称 / **Product Name:** 虾青素

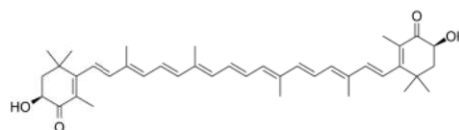
英文名称 / **English Name:** Astaxanthin

CAS Number: 472-61-7

分子式 / **Molecular Formula:** C₄₀H₅₂O₄

分子量 / **Molecular Wt.:** 596.84

保存 / **Storage:** -20°C, Protected from light



项目 / Test:	检测指标 / Specification
外观 / Appearance:	红色至褐色粉末 / Red to Brown Powder
纯度 / Purity:	UV≥98%
溶解性 / Solubility:	≥ 2 mg/mL in Chloroform
干燥失重 / Loss on drying:	≤2.0%
复检期 / Recommended Retest Period:	Powder : 1 Years / In solvent : 1 Day

该产品极易被氧化，如发现产品变色，请停止使用或重新标定后使用。

备注 / **Remark:** This product is very easy to be oxidized. If the product is found to be discolored, please stop using it or recalibrate it before use.

相关文献 / **References:**

[1]. Huang, L., Li, D., Ma, Y., Liu, Y., Liu, G., Wang, Y., & Tan, B. (2022). Dietary fatty acid-mediated protein encapsulation simultaneously improving the water-solubility, storage stability, and oral absorption of astaxanthin. Food Hydrocolloids, 123, 107152. (IF: 9.147)

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