

Certificate of Analysis

Product Name : Astaxanthin $\geq 97\%$ (HPLC), from *Blakeslea trispora*
Product Number : SML0982-50MG
Batch Number : 0000421957
Source Batch : 0000346458
CAS Number : 7542-45-2
Storage Temperature : -20°C
Molecular Formula : $C_{40}H_{52}O_4$
Formula Weight : 596.84 g/mol
Quality Release Date : 07 Jun 2024

Test	Specification	Result
Appearance (Color)	Lt. Pink to Red to Very Dark Purple	Very Dark Red
Appearance (Form)	Powder	Powder
Elemental Composition	Pass	Pass
Purity (HPLC)	$\geq 96.5\%$	97.2 %
Identity	Confirmed	Confirmed



Brendan Nye, QC Supervisor

Quality Control

Natick, Massachusetts

US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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