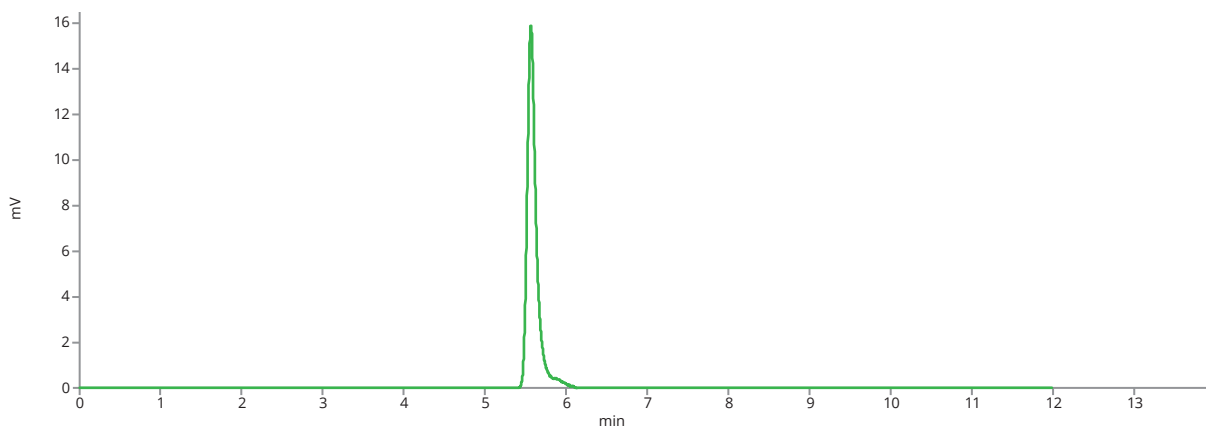




## Astaxanthin

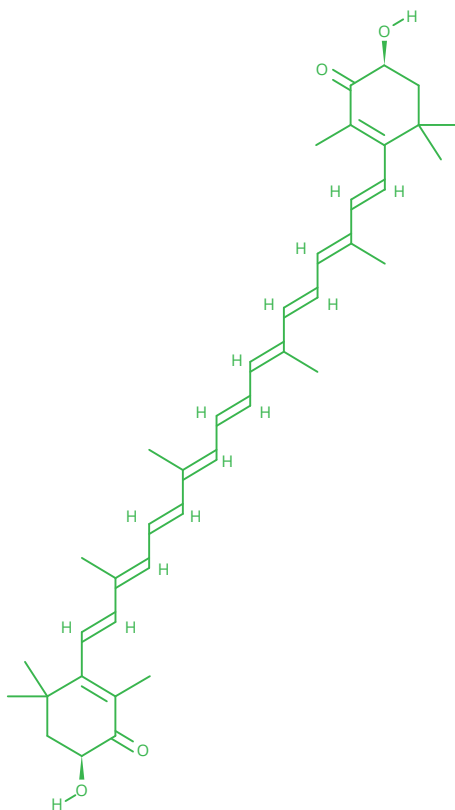
Astaxanthin is a lipid soluble pigment with a proven antioxidative properties. It is used as a nutritional supplement for human, in cosmetics and as a feed additive to impart coloration for salmon, crabs, shrimp and other aquatic organisms. A major source for the biotechnological production of astaxanthin is the green microalgae. The astaxanthin measurement is needed during the algae cultivation process as well as at astaxanthin extraction stage. A precise chromatographic method has been developed for astaxanthin quantification.



*Test solution on ASTRA® C18-HE column*

## Astaxanthin

<b>Column</b>	ASTRA® C18-HE, 3 µm
<b>Dimensions</b>	150 mm × 4.6 mm
<b>Part number</b>	AST-5732-IK46
<b>Mobile phase</b>	ACN : MeOH 80/20 (v/v) Isocratic elution
<b>Flow rate</b>	1.0 mL/min
<b>Temperature</b>	23 °C
<b>Detection</b>	UV @474 nm
<b>Injection volume</b>	5 µL
<b>Analytes</b>	<b>1. Astaxanthin</b> , CAS number 472-61-7



*Astaxanthin*