

# SPECIFICATION

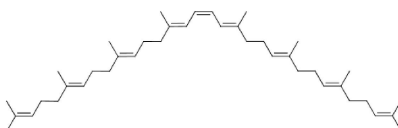


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## 15-cis-Phytoene

REF 0332 S

<u>Chemical family</u>	CAROTENOID
<u>CAS Number</u>	13920-14-4
<u>Empirical formula</u>	C <sub>40</sub> H <sub>64</sub>
<u>Molecular weight</u>	544,95



<u>Long term storage</u>	Store at <-15°C Store in dry and dark place. HIGHLY UNSTABLE
<u>Shipment conditions</u>	In a styrofoam box with ice pack

<u>Appearance</u>		Oil
<u>U.V / Visible spectrum</u>	$\lambda_{max}$ ( $\pm$ 2nm)	277, 286, 297 nm in heptane
<u>U.V / Visible spectrum</u>	E1%	277 nm 630 $\pm$ 20 286 nm 780 $\pm$ 25 297 nm 550 $\pm$ 20
<u>Purity (HPLC)</u>		$\geq$ 97%

This product is available with HPLC chromatogram