Certificate of Analysis

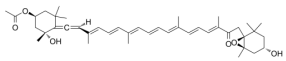
Fucoxanthin

Cat. No.:	HY-N2302
CAS No.:	3351-86-8
Batch No.:	27529
Chemical Name:	β,β-Carotene, 3'-(acetyloxy)-6',7'-didehydro-5,6-epoxy-5,5',6,6',7,8-hexahydro-3,5'-dihydroxy-8-oxo-, (3S,3'S,5R,5'R,6S,6'R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{42}H_{58}O_6$		
Molecular Weight:	658.91		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	Pink to red (Solid)
LCMS:	Consistent with structure
Purity (LCMS):	98.99%
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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