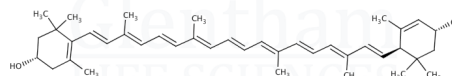


Certificate of Analysis

Product Name Xanthophyll
Glentham Code GK2391
CAS Number 127-40-2
EINECS 204-840-0
MDL Number MFCD00017353
PubChem SID 310281761
Batch Number 387LKU



Molecular Weight 568.87
Molecular Formula $C_{40}H_{56}O_2$
Storage Temp. $-20^{\circ}C$

Property	Specification	Batch 387LKU
Physical Description	Orange to red or brown powder	Orange powder
Identification (NMR)	To conform to structure	Conforms
Water	$\leq 5.0\%$	0.4%
Purity (HPLC)	$\geq 88.0\%$	91.1%

Specification Version v1.1
Manufacture Date 2023-07-13
Re-Test Date 2028-11-30

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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