

# SPECIFICATION



## Lutein

REF 0306 S

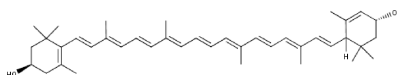
Chemical family CAROTENOID

Synonym Xanthophyll

CAS Number [127-40-2]

Empirical formula C<sub>40</sub>H<sub>56</sub>O<sub>2</sub>

Molecular weight 568,89



Long term storage Store at <-15°C  
HIGHLY UNSTABLE

Store in dry and dark place.

Shipment conditions In a styrofoam box with ice pack

Appearance Powder

U.V / Visible spectrum E1%  
444 nm 2520 ± 100  
472 nm 2320 ± 100

Despite the specific and intensive care taken with these products, they are very fragile. We recommend that you confirm product purity by measuring the E1%.

Melting point 174-181°C

Purity (HPLC) ≥92%

This product is available with HPLC chromatogram