

# Specification

Item number: 7864

## Lutein

### natural, oil-soluble, liquid

CAS No.: 127-40-2

print date: 01.01.2024

formula:  $C_{40}H_{56}O_2$

density: 0,93

storage temperature: +4 °C

molecular weight: 568,88 g/mol

### Type analysis

<b>Appearance</b>	red-brown liquid
<b>Solubility</b>	completely soluble in cooking-oils
<b>Dye content</b>	≥2,5 % lutein
<b>Water (KF)</b>	≤1 %
<b>Density (20 °C)</b>	0,92-0,94
<b>Viscosity (20 °C/ Brookfield)</b>	≤300 mPa s
<b>E/ 1 %/ 443 nm</b>	69-73
<b>Arsenic (As)</b>	≤0,0003 %
<b>Lead (Pb)</b>	≤0,0002 %

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

**Dr. R. Niemand**

*Head of Quality Assurance*

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*Head of Quality Management*

*This document is computer printout and has therefore not been signed by hand.*

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