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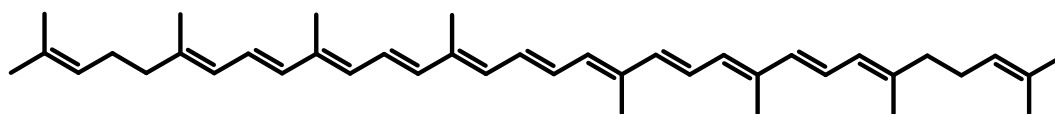
## Product Specifications

### Lycopene

**CAS** 502-65-8

**Syn:**  $\psi,\psi$ -Carotene; 2,6,10,14,19,23,27,31-Octamethyl-dotriaconta-2,6,8,10,12,14,16,18,20,22,24,26,30-tridecaene

**Structure:**



**Mol. Formula**  
**Source**

$C_{40}H_{56}$   
Papaya

**Mol. Wt.**

536.87

*Test*

*Specification*

<b>Identity</b>	Mass, NMR
<b>Appearance</b>	Red to dark-red powder
<b>Mp</b>	171-174 °C
<b>Purity (glpc)</b>	≥ 96%
<b>All E-isomers</b>	≥ 70%
<b>Triphenylphosphine Oxide</b>	≤ 0.01%
<b>LOD</b>	< 0.5%
<b>Heavy metals (Pb)</b>	< 10 ppm

*Storage:* Maintain in cool, dry containment.