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Product Specifications

α -Linolenic Acid (*all-natural*)

CAS 463-40-1

Syn: *alpha*-Linolenic Acid, ALA; (Z,Z,Z)-9,12,15-Octadecatrienoic Acid

Structure:



Mol. Formula
Source

C₁₈H₃₀O₂
Perilla frutescens (L.) Britton

Mol. Wt.

278.44

<i>Test</i>	<i>Specification</i>
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Appearance	Clear, colorless to pale-yellow liquid
Bp	230-232 °C/ 1 mm Hg
Purity (glpc, area%)	> 98% (typically > 99%)
Acid Number	190-202
Peroxide Value	< 10 meq/Kg
<i>d</i>_{25 °C}	0.914 g/mL
RI, <i>η</i>_D^{20 °C}	1.478 – 1.483
Heavy Metals	< 10 ppm
Water Content (K-F)	< 0.5%

Storage: Maintain in a cool, dry, dark confinement between 2-8 °C.

Shelf-life: 2 Years in original unopened container, when stored as recommended

Preservatives: None