

SPECIFICATION

Linolenic Acid

Parameters	Specification
CAS Number	463-40-1
Appearance	Colorless to pale yellow liquid
Molecular Formula	C18H30O2
Molecular Weight	278.43 g/mol
Boiling Point	360 °C
Melting Point	-11 °C
Flash Point	190 °C
Purity	98-99%
Refractive Index	1.462
Solubility	Sparsely soluble in water; soluble in most organic solvents (e.g., ethanol, chloroform, diethyl ether)
Uses	Nutritional essential fatty acid; precursor to prostaglandins; used in food supplements, cosmetics, and industrial oleochemicals