

LINOLEIC ACID

TECHNICAL DATA SHEET

Effective Date : May 20, 2022 Version : 1



TDS

1. DESIGNATION

Chemical Name : Linoleic Acid
Trade Name : Linoleic Acid
IUPAC Name : (9Z,12Z)-octadeca-9,12-dienoic Acid
CAS No. : 60 - 33 - 3
EC No. : 200 - 470 - 9
Origin : Vegetable
Origin Source : Based on non Palm Vegetable Oil

2. SPECIFICATIONS

CHARACTERISTICS	UNITS	LIMITS
Acid Value	mgKOH/g	197 - 205
Saponification Value	mgKOH/g	197 - 205
Iodine Value	gI ₂ /100g	128 - 138
Titer	°C	15 - 24
Color	GR	1 - 3,0
Water Content	% m/m	Less than 0,2

PROPERTIES

Appearance at 30° C		Clear liquid
Description		Pale to Light Yellow liquid

FATTY ACID COMPOSITION

C16	%	4,0 - 8,0
C18	%	3,0 - 5,0
C18.1	%	25 - 30
C18.2	%	50 - 55
C18.3	%	2,0 - 5,0
> C18	%	less than 5,0

3. PROVISIONS

Standard Packing
Bulk - ISO tanks, IBC, HDPE drums and Coated MS drums.

4. TOTAL SHELF LIFE

The product is stable (conforms with standard specification) for a period of minimum 12 months stored in original sealed packing.

5. SAFETY AND REGULATORY DATA

For Information refer relevant safety data sheet.

6. STORAGE RECOMMENDATIONS

Keep packaging unopened and undamaged
Store the product in dry well-ventilated area at room temperature, keep the product away from heat.