



COTTON OIL

CUSTOMER ECOFLORES
BATCH N° L40901049

MANUFACT. DATE 08/04/2024
ANALYSIS DATE 08/04/2024
REANALYSIS DATE 08/04/2026

SPECIFICATION 01 **CERTIFICATE N°** 99421 **EDITION DATE** 16/04/24

PARAMETERS	SPECIFICATIONS	RESULTS
Peroxide value	max. 10 meq/kg (at time of pack, 20°C)	0.6
Saponification Value	190-198	193
Specific gravity (20°C)	0.915 - 0.921	0.920
Acid value	≤ 0.22 mg KOH/g oil	0.1
Iodine Value	109 - 120	110
Organic volatile impurities	To pass test	Pass test
Heavy metals	max. 0.001%	Pass test
Fatty acid composition:	Quantitative %	
Myristic acid (C14:0)	0.5 - 2.0 %	0.8
Palmitic acid (C16:0)	17.0 - 29.0 %	23.1
Stearic acid (C18:0)	1.0 - 4.0 %	2.6
Oleic acid (C18:1)	13.0 - 44.0 %	16.8
Linoleic acid (C18:2)	40.0 - 63.0 %	55.1
Linolenic acid (C 18:3)	0.1 - 2.1 %	0.1
Arachidic acid (C20:0)	max. 0.5 %	0.3
Behenic acid(C22:0)	max. 0.5 %	< 0.5
Lignoceric acid (C24:0)	max. 0.5%	< 0.5

Observations