

CERTIFICATE OF ANALYSIS

SUNFLOWER OIL REFINED

GENERAL INFORMATION

CAS NO. : 8001-21-6 Batch NO. : L-22071
Month of Mfg. : JULY 2022

PARAMETER	SPECIFICATION	RESULTS
<i>Organoleptic Parameters</i>		
Appearance	Clear	Pass Test
Taste	Bland	Pass Test
<i>Stability Parameters</i>		
Peroxid value	< 10 meq/kg	1
TFA	< 1 % oleic acid	0.04
<i>Fatty Acid Profile</i>		
C16:0 Palmitic acid	5 – 7.6 %	6.26 %
C18:0 Stearic acid	2.7 – 5.5 %	3.37 %
C18:1 Oleic acid	19 – 39 %	35.96 %
C18:2 Linoleic acid	50 – 70 %	52.61 %
C18:3 Linolenic acid	< 0.3 %	0.07 %
<i>Other Parameters</i>		
Refractive index n D25	1.467 – 1.471	Pass test
Colour Red Lov. 5 ¼ "	< 1.5	Pass test
Colour Yellow Lov. 5 ¼ "	< 15	Pass test
Cold test (score) 5.5h at 0°C	To pass test	Pass test
Moisture content Karl Fisher	< 0.05 %	Pass test
Viscosity at 20°C	Aprox 80 mPa.s	Pass test
Flash point	Aprox 300 °C	Pass test
Density at 20°C	909-915 kg/m ³	Pass test