



Reviewed By:

Approved By:

Sr. No.	Specification / Characteristics	Test Method	Parameters
1.	Free Fatty Acid (mgKOH / gm) (As Ricinoleic)	Aocs 13e.92	1.0 % Max
2.	Acid Value % (mgKOH/gm)	Aocs CaSa – 40	2.0% Max
3.	Moisture & Volatiles %	Aocs Ca 2e - 25	0.25 % Max
4.	Colour on Lovilond 1" Cell (Y+5R)		2.2 Yellow, 0.3 Red Max
	5 ¼" Cell (Y+5R)	Aocs Cc 13E – 92	20 Yellow, 2.0 Red Max
	Colour Gardner		3 Max
	Iodine Colour		4 Max
5.	Iodine Value (By wiss,gl ₂ /100g)	Aocs cd 1.25	82 – 90
6.	Saponification Value (mgKOH/gm)	Aocs cd 3.25	177 – 185
7.	Unsaponifiable Matter		1.0 % Max
8.	Hydroxyl Value mgKOH/gm	Aocs cd 13-60	160 Min.
9.	Density at 30°C	Aocs 10C – 95	
10.	Specific gravity 15°C	Aocs Cc-10G-25	0.952 – 0.965
11.	Viscosity at 20°C Pas	-	9.5 - 11.0
	Viscosity at 25°C Pas		6.0 – 9.0
	Viscosity Gardner		U – V
12.	Refractive Index at 20°C	Aocs cc 7.25	1.477 – 1.481
13.	Peroxide Value	Aocs cd 8.53	5 Max
14.	Optical Rotation		+3.5° to +6.0°
15.	Solubility		Complete soluble in Alcohol without turbidity
16.	Ricinoleic Acid Content	GC	85% Min
17.	Insoluble Impurities	Aocs Ca 3a – 36	0.02% Max