

SPECIFICATION CERTIFICATE

LOT NO.	270019527-08-101		
DESC.OF THE GOODS	REFINED SUNFLOWER OIL		
Techniqu Properties			
Free Fatty Acids (%)		Result 0.12	Standard 0.3
Color (Lov.Tint. 51/4)		Yellow:8	Yellow:13
		Red: 1.1	Red: 1.3
Peroxide (Meq-gr/kg)		0.5	5
Moisture And Volatile Matter (%)		0.04	0.2% In Weight
Matter Insoluable in Ether		Not Dedected	0.05% In Weight
Cold Test (Poz/Neg)		Negative	----
Soap (Poz/Neg)		Not Dedected	0.005% In Weight
Halpen Test (Poz/Neg)		Negative	
Mineral Oil (Poz/Neg)		Negative	
Iron (Fe)	Raw Oil	---	---
	Reiterated Oil	---	---
Copper (Cu)	Raw Oil	---	---
	Reiterated Oil	---	---
Lead (Pb)	Raw Oil	---	---
	Reiterated Oil	---	---
Density Ratio		0.920	0.918-0,923 (20°C/20°C su)
Vitamin A		57442±3044 IU /KG	50.000-70.000 I.U/Kg adding
Vitamin D		6.720 IU/KG	5.000-7.000 I.U/Kg adding
Characteristic			
Refractive Index (N _D 40°C)		1.468	1.461-1.468
Iodine Value		133,45	118-141
Saponification Value		191,56	188-194
Unsaponiflables (g/kg)		0,61	15
Composition of Fatty Acids (%)			
Lauric Acid	C12:0	Not Detected	Max 0.1
Miristic Acid	C14:0	0.06	Max 0.2
Palmitic Acid	C16:0	6,07	5.0-7.6
Palmitoleic Acid	C16:1	0.07	Max 0.3
Margaric Acid	C17:0	0.03	Max 0.2
Heptadesenoic	C17:1	0.02	Max 0.1
Stearik Acid	C18:0	3.36	2.7-6.5
Oleic Acid	C18:1	24,70	14-39.4
Linoleic Acid	C18:2	64,28	48.3-74
Lonolenic Acid	C18:3	0.07	Max 0.3
Arasidic Acid	C20:0	0.21	0.1-0.5
Ekosenoic Acid	C20:1	Not Detected	Max 0.3
Behenic Acid	C22:0	0.67	0.5-1.1
Erusic Acid	C22:1	Not Detected	Max 0.3
Lignoseriic Acid	C24:0	0.17	Max0.5
Nervonic Acid	C24:1	Not Detected	

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TS4504