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DIN EN ISO 9001: 2000 & HACCP certified

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QUALITY SPECIFICATION FOR CRUDE HIGH OLEIC SUNFLOWER OIL

PARAMETERS	VALUE	TEST METHOD
I. ORGANOLEPTIC PARAMATERS		
1. Appearance	pure	
2. Colour	light yellow	
3. Taste and odour	specific	
II. CHEMICAL PARAMATERS		
1. Colour index (Lovibond) – 5 ¼"	max 3.5 R/50 Y	BDS EN ISO 15305
2. Moisture and volatile matters	max 0.2 %	BDS EN ISO 662
3. Specific gravity	0.9165 - 0.9235	BDS EN ISO 6883
4. Acidity as oleic acid	max 2.0 %	BDS EN ISO 660
5. Insoluble matters in ether	max 0.15 %	BDS EN ISO 663
6. Iodine value	77 - 88	BDS EN ISO 3961
7. Saponification value	182 - 194	BDS EN ISO 3657
8. Unsaponifiable matters	max 0.7 %	BDS EN ISO 3596
9. Flash point (closed crucible)	>121 °C	BDS EN ISO 15267
10. Fatty acid content		
Palmitic acid – C16:0	% of the total fatty acid content	5.5 - 8.5
Stearic acid – C18:0		3 - 5.5
Oleic acid – C18:1		75 - 88
Linoleic acid – C18:2		3.0 - 6.0
Linolenic acid – C18:3		0.5 - 1.5