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DIN EN ISO 9001: 2000 & HACCP certified

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QUALITY SPECIFICATION FOR CRUDE SUNFLOWER OIL

PARAMETERS	VALUE	TEST METHOD
I. ORGANOLEPTIC PARAMATERS		
1. Appearance	pure	
2. Colour	golden	
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. Acidity as oleic acid	max 2.0 %	BDS EN ISO 660
4. Insoluble matters in ether	max 0.15 %	BDS EN ISO 663
5. Iodine value	110 - 143	BDS EN ISO 3961
6. Unsaponifiable matters	max 0.7 %	BDS EN ISO 3596
7. Flash point	>121°C	BDS EN ISO 15267
8. 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		20 - 40
Linoleic acid – C18:2		40 - 70
Linolenic acid – C18:3		0.5 - 1.5