

Prepared by : Lyudmila Miteva – Plant Manager		
Approved by : Lyudmila Miteva – Plant Manager		
Effective date : 01.07.2018	Current rev.: 2.0/08.02.2021	Document №:PTS.10

2. PRODUCT SPECIFICATION		
2.1.	Product Name	REFINED SUNFLOWER OIL
2.2.	HS CODE	1512 1990
2.3.	Process Description	Sunflower oil extracted from Sunflower seed (Helianthus annuus L.) and physically refined. The end product being a golden yellow liquid.
2.4.	Ingredient List	Sunflower oil
2.5.	Country of origin	European Community-BULGARIA

3.PACKAGING INFORMATION		
3.1.	Type of Packaging	Primary : Bulk (tanker for food use only) Secondary : N/A
4.PRODUCT LABELLING		
4.1.	Labelling Instructions	On Primary Packaging : Production date : DD/MM/YYYY Best Before : DD/MM/YYYY Batch Number : L /MM/YYYY
4.2.	Shelf life	24 months from date of manufacture
STORAGE CONDITIONS		Store in a cool, dry place away from direct sunlight
METHOD OF DISTRIBUTION		Transported in clean closed vehicles free from pests and foreign odors

5.SENSORIAL/CHEMICAL/PHYSICAL CHARACTERISTICS	SPECIFICATION	METHOD REFERENCES	
5.1.	Appearance	clear and bright	PANEL TEST
5.2.	Flavor & Odour	odorless and bland	PANEL TEST

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5.3.	Free Fatty Acids (as oleic) ,%	0.05 max	ISO 660
5.4.	Moisture and volatile matter ,%	0.01 max	ISO 662
5.5.	Color index (Lovibond 5 ¼ ")	max 1.0 R / 9 Y	ISO 15305
5.6.	Refractive Index at 20 °C	1.4735 ÷ 1.4748	ISO 6320
5.7.	Specific weight at 20 °C, g/cm ³	0.9165 ÷ 0.9209	ISO 15212-1
5.8.	Phosphorus content, ppm	max 5	ISO 10540-1
5.9.	Saponification number, mgKOH/kg	189 ÷ 195	ISO 3657
5.10.	Iodine value, ,gI ₂ /100g	120 ÷ 139	ISO 3961
5.11.	Peroxide value,mg _{eq} O ₂ /kg	max 4	ISO 3960
5.12.	Cold Test 0 °C after 24 h	negative	AOCS CC 11-53
5.13.	Alkalinity, ppm	NIL	ISO 10539

PROHIBITED SUBSTANCES: Sunflower Oil is not manufactured from sunflower seeds that have been genetically modified

THIS PRODUCT complies with the Regulation 852/2004 on Food hygiene and CODEX STAN 210-1999 - STANDARD FOR NAMED VEGETABLE OILS

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