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OFFICIAL TECHNICAL SPECIFICATION - EDIBLE OILS

FCB-SPEC-OIL-EN-2026 | REV. 2026.08

FCB TRADING - TECHNICAL DATASHEET: REFINED VEGETABLE OILS

Refined Soybean Oil & Refined Sunflower Oil | Bulk & Bottled Export Standards

PRODUCT OVERVIEW & QUALITY STANDARDS

100% pure refined Soybean and Sunflower edible oils of Brazilian and Mercosur origins. Fully neutralized, bleached, winterized and deodorized under advanced technological control. Free from rancidity, foreign odours, toxic substances and GMO hazards.

PHYSICAL-CHEMICAL PARAMETERS & QUALITY ASSURANCE

Parameter / Analysis	Refined Soybean Oil	Refined Sunflower Oil	Test Method
Free Fatty Acids (FFA as Oleic)	Max. 0.10%	Max. 0.15%	AOCS Ca 5a-40
Peroxide Value	Max. 1.0 meq O2/kg	Max. 1.5 - 2.0 meq O2/kg	AOCS Cd 8-53
Moisture & Volatile Matter	Max. 0.05%	Max. 0.05%	AOCS Ca 2c-25
Insoluble Impurities	Max. 0.05%	Max. 0.05%	AOCS Ca 3a-46
Lovibond Color (5 1/4" Cell)	Max. 1.5 Red / 15 Yellow	Max. 1.0 Red / 10 Yellow	AOCS Cc 13e-92
Smoke Point	Min. 230 deg C	Min. 230 deg C	AOCS Cc 9a-48
Relative Density (@ 20 deg C)	0.919 - 0.925 g/cm3	0.918 - 0.923 g/cm3	ASTM D1298
Iodine Value (Wijs Method)	120 - 143 g I2/100g	118 - 141 g I2/100g	AOCS Cd 1-25
Refractive Index (@ 40 deg C)	1.466 - 1.470	1.467 - 1.471	AOCS Cc 7-25
Cold Test (@ 0 deg C)	5.5 Hours Clear / Brilliant	5.5 Hours Clear / Brilliant	AOCS Cc 11-53

EXPORT LOGISTICS, PACKAGING & COMMERCIAL TERMS

Logistics Parameter	Operational Requirements & Global Standards
Available Packaging	Flexitanks 21-24 MT (Food Grade), PET Bottles (1L & 5L in cartons), Steel Drums 200L (190kg net)
Minimum Order (MOQ)	500 MT (Bulk Vessel) / 25 FCL (20' Containers in Flexitanks or Bottled Cargo)
Loading Ports	Port of Santos (SP), Port of Paranagua (PR), Port of Vitoria (ES) - Brazil
Pre-Shipment Inspection	SGS / Bureau Veritas / Intertek (Weight, Quality, Full Chemical Analysis & Non-Radiation Cert)
Sanitary & Food Certifications	MAPA Phytosanitary Certificate, Halal Certified (Cdial/Fambras), Kosher, FSSC 22000
Payment & Trade Terms	FOB / CIF / CFR (Incoterms 2020) Payment via Irrevocable Confirmed L/C (DLC / SBLC)

INSPECTION BY SGS / BUREAU VERITAS / MAPA / HALAL & KOSHER CERTIFIED / ISO 9001 / FSSC 22000

Official specification sheet for international global trade. Full compliance with Codex Alimentarius Stan 210-1999.