Refined Sunflower Oil

Technical specification profile

A clear, versatile seed oil for everyday cooking, foodservice and food manufacturing. Explore retail PET bottles, larger kitchen formats and product technical data.

Procurement acceptance criteria for this named oil grade. Final analytical methods, composition, agreed limits and lot-specific COA govern the order. Fortification or additive allowances apply only when expressly agreed.

01 / PHYSICAL PROPERTIES

Parameter	Acceptance profile
Appearance	Clear and transparent, without sediment
Odour & taste	Light; free from abnormal odour or taste
Relative density · 20°C	0.918-0.923 g/cm³
Refractive index · 40°C	1.461-1.468

02 / CHEMICAL PROPERTIES

Parameter	Acceptance profile
Moisture & volatile matter	≤ 0.2%
Insoluble impurities	≤ 0.05%
Soap content	≤ 0.005%
Free fatty acids · as oleic acid	0.15 max; unit to be confirmed in signed specification
Acid value	≤ 0.6 mg KOH/g oil
Iodine value	118-141
Peroxide value	≤ 2 meq active oxygen/kg
Other oils / mineral oil	Nil

03 / IDENTITY CRITERIA

Parameter	Acceptance profile
Linoleic acid · C18:2	48.3-74% of total fatty acids; wording to confirm
Delta-7-stigmasterol	6.5-20% of total sterols
Brassicasterol	0.5% of total sterols; limit direction to confirm

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04 / ADDITIONAL CONDITIONS

Parameter	Acceptance profile
Antioxidant allowance	BHT (E321) ≤ 75 mg/kg only if agreed for the product and destination
Vitamin A fortification option	45,000-60,000 IU/kg; preserve this basis when ordering
Heavy metals	Pb ≤ 0.1; As ≤ 0.1; Fe ≤ 1.5; Cu ≤ 0.1; Hg ≤ 0.1 ppm
Heavy-metal testing scope	Analysis of crude input oil to be provided for assessment

Any entry marked for confirmation must be resolved in the signed specification. Listed fatty acid and sterol criteria are identity parameters; they are not a retail nutritional declaration.

Product identity & shelf life

Identity: Sunflower seed oil. Origin: as agreed in quotation. General delivery requirement: at least 1 year remaining at delivery; confirm for the order.

Packing, labelling & shipment file

PACKING SCOPE

Item	Requirement
Bottle formats	1 L, 3 L or 5 L as ordered; food-grade PET or metal
Closure	Hermetic and tamper-evident; no piercing-only tin
1 L bottle mass	Empty plastic bottle at least 28.5 g
1 L cartons	12 or 15 bottles; cardboard dividers; double-wall export board
3 L / 5 L cartons	Layout, dimensions and load quantities to be agreed
Loading	Floor-loaded; flat cartons; board inserts and void filling
Packaging tests	Specified 6 m pressure/stacking tests; not a container stack-height instruction

For full bottle, carton, marking and loading requirements, use the separate Oleo Bueno Packing & Logistics guide. Container quantities, gross weights, freight, MOQ and lead time are quotation-specific.

Nutrition & composition

Request a complete product-specific declaration on a stated 100 g or 100 ml basis. No generic nutrient table is substituted. Any fortification or additives must be explicitly ordered and supported by analysis.

Shipment documentation

Inspection certificate; Certificate of origin; Health or phytosanitary certificate where applicable; Weight and quality certificate; Non-radioactivity declaration/certificate if required; GMO status certificate or declaration; Other documents agreed in the purchase contract.

Documents depend on the actual product, purchase agreement and destination. Listed requirements do not certify that documents have already been issued.