Refined Corn Oil

Technical specification profile

A golden cooking oil category for retail shelves, professional kitchens and food production, with detailed product specifications and PET or tin packaging options.

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
Foreign odours & flavours	Nil
Relative density · 20°C	0.917-0.925 g/cm³
Refractive index · 40°C	1.465-1.468
Colour · Lovibond red/yellow	≤ 3 / 25; cell notation needs confirmation

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
Iodine number · Wijs	103-128 g/100 g
Peroxide value	≤ 10 meq active oxygen/kg; ≤ 2 at ex-works or port of shipment

03 / IDENTITY CRITERIA

Parameter	Acceptance profile
Linoleic acid	50-62% of total fatty acids; wording to confirm
Oleic acid	≤ 35% of total fatty acids
Palmitic acid	8-14% of total fatty acids; wording to confirm

04 / ADDITIONAL CONDITIONS

Parameter	Acceptance profile
Antioxidant allowance	BHT (E321) ≤ 75 mg/kg only if agreed for the product and destination
Vitamin A enrichment option	60,000 IU/L; only when specified in the purchase agreement

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: Corn oil. Origin: as agreed in quotation. At least 1 year remaining at delivery, subject to the agreed 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.