

RUSSIAN LENTILS

Lens culinaris

Carefully cleaned Russian lentils offering reliable cooking quality, natural color and excellent suitability for repacking, food-service distribution and industrial food processing.

SPECIFICATIONS

Origin	Russian Federation
Crop	Current crop / subject to contract
Moisture	Max. 14.0%
Foreign matter	Max. 1.0%
Damaged / discolored	Max. 3.0%
Purity	Min. 98.0%
Cleaning	Machine cleaned / sortex quality
Packing	25 kg / 50 kg PP bags or bulk

TYPICAL APPLICATIONS



Soups, salads and ready meals



Retail and private-label packing



Canning and food manufacturing



Export and wholesale distribution



RUSSIAN GREEN LENTILS

Detailed Technical Specification

Subject to contract, approved sample and lot-specific Certificate of Analysis.
Natural agricultural commodities vary by crop, region and lot.

PRODUCT IDENTIFICATION

Item	Description
Commercial name	Russian Whole Green Lentils
Botanical name	<i>Lens culinaris</i> Medik. (syn. <i>Lens esculenta</i> Moench.)
Country of origin	Russian Federation
Product form	Whole, dried, mature seeds; machine-cleaned; calibrated and colour-sorted when specified
Colour type	Type I dark green or Type II light green; uniform type as agreed in the contract
Intended use	Direct human consumption, retail packing and food processing
Reference standard	GOST 7066-2019 - food-grade plate lentils; Codex CXS 171-1989
HS classification	HS 0713.40 - dried lentils, shelled, whether or not skinned or split
Crop year	Current crop or as stated in the contract and Certificate of Quality

PROPOSED PREMIUM EXPORT QUALITY - KEY LIMITS

Parameter	Commercial requirement	Clarification
Moisture	14.0% max	Tighter commercial limit; GOST maximum is 15.0%
Foreign / weed matter	0.50% max	Includes organic and mineral extraneous matter
Mineral matter	0.10% max	Pebbles, slag, ore, glass and metal: nil
Grain admixture	2.00% max	Tighter than the GOST maximum of 3.5%
Broken / split lentils	2.00% max	Included within grain admixture
Live insects	Nil	No live beetles, larvae or storage pests

CALIBRATION AND SIZE CATEGORIES

GOST category	Reference sieve	Minimum retention
Large	6.3 mm round-hole sieve	At least 80% retained
Medium	5.2 mm round-hole sieve	At least 80% retained
Small	4.8 mm round-hole sieve	At least 90% retained
Uncalibrated	Does not meet a category above	May be supplied only when specifically agreed

COMMERCIAL SUPPLY FORMATS

- Bulk vessel shipment or lined food-grade containers.
- New woven PP bags: 25 kg or 50 kg; food-grade inner liner when required.
- FIBC / jumbo bags: 500-1,000 kg, subject to buyer approval.
- Private-label and retail packing subject to minimum order quantity.
- Approximate 20-foot container payload: 23-25 MT, subject to packaging, tare and legal axle limits.

Buyer option

The contract should state the required colour type and calibre. A retained reference sample is recommended for colour uniformity and visual grade.

Reference standard

GOST 7066-2019 - food-grade plate lentils; Codex CXS 171-1989.



HARVEST

RUSSIAN GREEN LENTILS

Quality, Food Safety & Logistics

Premium export specification for whole green lentils. The signed contract, approved sample, destination regulations and lot-specific COA supersede this sheet.

PHYSICAL, ORGANOLEPTIC AND QUALITY REQUIREMENTS

Quality parameter	Requirement
Commercial colour type	Type I dark green or Type II light green, uniform in mass
Condition	Healthy, non-heating, dry, sound and suitable for transport and storage
Colour	Natural and characteristic of the declared type; substantially uniform
Odour	Characteristic; free from mouldy, musty, malty, rancid or foreign odours
Moisture	14.0% max
Purity	97.5% min
Foreign / weed matter	0.50% max
Mineral matter	0.10% max
Pebbles, slag, ore, glass, metal	Nil
Grain admixture	2.00% max
Broken / split seeds	2.00% max; seeds with less than three-quarters remaining
Dehulled / skinned seeds	1.00% max
Damaged / discoloured seeds	1.00% max
Sprouted seeds	0.50% max
Insect-damaged seeds	0.50% max
Seeds containing live beetles/larvae	Nil
Moulded / caked material	Nil
Toxic or noxious seeds	Nil at hazardous levels
Live storage insects	Nil
Other crop seeds	0.50% max or as contracted

TYPICAL COMPOSITION AND APPLICATIONS

Protein approx. 24-26 g/100 g dry product; carbohydrate approx. 60-64 g/100 g; dietary fibre approx. 10-12 g/100 g; fat approx. 1-2 g/100 g; energy approx. 340-360 kcal/100 g. Applications: soups, stews, salads, dhal, canned foods, flour, snacks and protein ingredients.

FOOD SAFETY AND REGULATORY COMPLIANCE

Control	Requirement
General safety	Safe and suitable for human consumption; free from abnormal flavour, objectionable odour and hazardous filth
Pesticide residues	Codex MRLs and destination-country legal limits
Mycotoxins	Comply with applicable destination limits and contractually required tests
Heavy metals	Pb, Cd, As and Hg within destination food-law limits
Radionuclides	Destination requirements; certificate when contractually required
GMO status	Non-GMO declaration/laboratory report when required
Infestation	Free from live storage insects and pests at inspection
Allergen / gluten	Lentils are legumes; naturally gluten-free unless a certified claim requires controlled testing

PACKAGING, MARKING AND CONTAINER REQUIREMENTS

Item	Requirement
Supply formats	Bulk vessel or lined food-grade containers; 25/50 kg PP bags; FIBC: 500-1,000 kg
Bag condition	New, clean, dry, strong and properly sewn or heat-sealed
Bag marking	Product name, origin, crop year, net weight, lot number, packing date, exporter/packer and destination labels
Container condition	Clean, dry, odour-free, pest-free, weather-tight and suitable for food cargo
Fumigation	Approved fumigants, dosage and exposure periods; certificate where required
Palletisation	Optional; subject to buyer instruction, destination requirements and payload restrictions

STORAGE, INSPECTION AND EXPORT DOCUMENTS

Subject	Commercial provision
Storage	Clean, dry, cool and well-ventilated; protected from rain, condensation, sunlight, chemicals, odours and pests
Handling	Keep off the floor and away from walls; use pallets or dunnage; apply FIFO rotation
Monitoring	Temperature, moisture, infestation, colour and odour during extended storage
Shelf life	18-24 months from packing under proper conditions; supplier declaration and local labelling law prevail
Inspection	SGS, Bureau Veritas, Intertek or mutually accepted surveyor at loading point when required
Sampling	GOST 13586.3 or agreed ISO/GAFTA method
Testing	Moisture, impurities, calibration, infestation, colour and odour
Documents	Commercial Invoice, Packing List, B/L, COO, Phytosanitary, Fumigation, Weight and Quality/Analysis Certificates

Contractual note: Lentils are a natural agricultural commodity and vary by crop, region and lot. References include GOST 7066-2019, Codex CXS 171-1989 and Russian test methods GOST 10967, 13586.3, 13586.5 and 30483. Document version: 12 July 2026.

COMMERCIAL & LOGISTICS

Flexible execution for importers, distributors, processors and government buyers



Packing Options

- 25 kg or 50 kg woven PP bags
- Custom private-label bags
- Jumbo bags or bulk shipment



Shipment Options

- Containerized cargo
- Breakbulk / bulk vessel lots
- CIF, CFR, FOB or as agreed



Documentation

- Commercial invoice and packing list
- Certificate of origin
- Phytosanitary and quality certificates

Specifications are indicative commercial standards and remain subject to crop, laboratory inspection, buyer requirements and final sales contract.



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