



Chia Line — Technical Overview

Black chia from South America · organic & conventional

Origin & processing: South American black chia (*Salvia hispanica*, fam. Lamiaceae), grown and processed by Ernte's certified producing partner in Alto Paraná. Dedicated chia processing line, cleaned and disinfected between runs. Packed in polypropylene or multi-sheet kraft paper bags.

Non-GMO · Gluten-free · Allergen-free (28-allergen list: negative) · Organic lots produced to EU, USDA/NOP, COR and JAS organic standards.

Product range

Product	Key characteristics
Organic Black Chia Seeds	Purity > 99.95% · humidity < 9% · oil content 30–35% · granulometry < 2.0 mm · protein 19 g/100 g · dietary fibre 32 g/100 g · omega-3 ≈ 18.9 g/100 g
Conventional Black Chia Seeds	Same physical profile as organic grade, conventional cultivation with documented good practices
Partially Defatted Chia Seeds	Higher protein and fibre concentration; ingredient for bakery, cereals and nutrition
Chia Flour	Milled chia for bakery and food-industry applications
Chia Oil (cold-pressed)	100% chia oil · omega-3 ≈ 58 g/100 ml (one of the richest plant sources) · free acidity ≤ 0.8 mg KOH/g · peroxide ≤ 12 mEq/kg · light yellow, clean and bright
Olive & Chia Oil blend	Olive oil and chia oil blend for retail and food service

Safety & quality limits (seeds)

Parameter	Limit
Aflatoxins (B1+B2+G1+G2)	< 5 µg/kg
Ochratoxin A	< 10 µg/kg
Salmonella / Listeria	Absent
Arsenic / Cadmium / Lead	< 0.3 / < 0.1 / < 0.2 mg/kg

Nutrition highlights (per 100 g, seeds)

Nutrient	Value
Energy	382 kcal
Protein	19 g
Dietary fibre	32 g
Omega-3 (ALA)	≈ 18.9 g
Calcium / Iron / Zinc	610 mg / 6.2 mg / 4.1 mg

Samples and full documentation: complete technical specifications, certificates and lot analyses are available on request — free samples for qualified businesses, no purchase commitment. Write to contato@ernte.co or WhatsApp +49 176 61710314 / +55 27 98137-9800.

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Data summarized from the producing partner's 2025 technical specifications (documents FD-008, FD-016, FD-029, FD-033); indicative values, subject to lot analysis.