

OptimaTM

IMMUNA

Food For Special Dietary Use



400g Tin Can

Critical Care

High Protein

Immune Support

Features, Advantages & Benefits

✦ Key Features

Immune-Modulating Botanicals
Nigella Sativa (Black Seed), Curcumin, Panax Ginseng & Garlic for natural immune support.

High Vitamin C Content
720mg Vitamin C per 100g (900% DV) - powerful antioxidant for immune cell function.

Complete Antioxidant Profile
Vitamins A, C, E, Selenium & Zinc to combat oxidative stress during illness.

High Quality Protein
22g casein protein per 100g to support immune cell production and tissue repair.

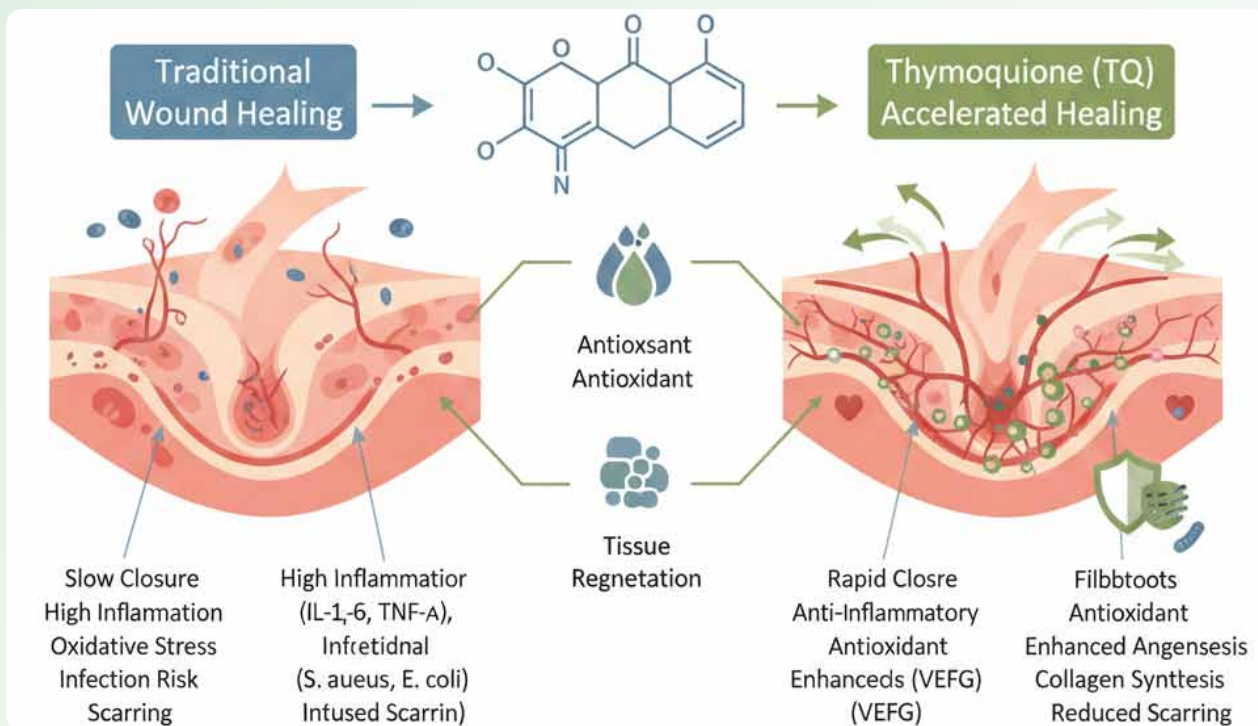
✔ Indications for Use

- ✔ **ICU & Critically Ill Patients** - Complete nutrition with immune system support
- ✔ **Post-Surgery & Trauma Recovery** - Supports wound healing and immune function
- ✔ **Chemotherapy Patients** - Nutritional supplementation during cancer treatment
- ✔ **Cardiac & Compromised Immunity** - Enhanced immune support for vulnerable patients

≡ Key Nutritional Facts (Per 100g)

Nutrient	Amount	% DV	Nutrient	Amount	% DV
Calories	450	-	Vitamin C	720mg	900%
Total Fat	17g	22%	Vitamin D	15mcg	80%
Protein	22g	44%	Zinc	10.97mg	100%
Dietary Fiber	22g	79%	Selenium	60mcg	150%

Clinical Evidence & Research



Clinical Study Summary: Thymoquinone Accelerates Wound Healing

Study Overview: This review explores how thymoquinone (TQ), the primary bioactive compound in *Nigella sativa* (black cumin), accelerates wound healing. TQ is recognized for its antimicrobial, anti-inflammatory, antioxidant, and anti-diabetic properties.

Mechanisms: TQ reduces pro-inflammatory cytokines (IL-1, IL-6, TNF- α) and suppresses NF- κ B signaling. It neutralizes reactive oxygen species (ROS), increases SOD and glutathione peroxidase expression, and exhibits significant antibacterial activity against *S. aureus*, *E. coli*, and *P. aeruginosa*.

Key Findings: TQ stimulates fibroblast proliferation, increases collagen synthesis, and enhances angiogenesis through VEGF secretion. A Phase 1 trial showed no serious adverse effects at 200 mg/day. Meta-analysis of 14 RCTs confirmed *N. sativa* products significantly improve symptoms of psoriasis, eczema, and acne.

Conclusion: Strong evidence supports TQ as an effective agent for promoting wound repair by targeting cellular and molecular pathways in all four stages of healing: hemostasis, inflammation, proliferation, and remodeling.

Reference: *Curr. Issues Mol. Biol.* 2023, 45, 9039–9059 | DOI: 10.3390/cimb45110567

Ready to Experience Optima Immuna?

Request a free sample today and discover how Optima Immuna can support your patients' immune health.

Request a Sample



Website

www.nutricaa.com



Email

info@nutricaa.com



Phone

+8801717390779



Location

House No: 394, Road No: 29, New DOHS,
Mohakhali, Dhaka - 1209
Koltapara, Gouripur, Mymensingh - 2270,
Bangladesh

Product Information

FORMAT	FLAVOR	PRODUCT CODE
400g Tin Can	Natural	0788792139831
SERVINGS	SERVING SIZE	UNITS/CARTON
10 per Container	40g (5-6 tsp)	4



© 2025 Nutricaa. All rights reserved. For healthcare professionals and consumers.

This product is not intended to diagnose, treat, cure, or prevent any disease.