



POWERFUL SCIENCE
BACKED BOTANICAL
INGREDIENTS

Nature.
Science.
Responsibility.





NATURAL & ESSENTIAL OILS PVT. LTD.

Founded in 1979, NESO is a globally trusted manufacturer of botanical extracts, natural actives, essential oils, and fragrance ingredients.

Nesso operates with a clear philosophy: to responsibly harness nature using science-driven, ethical, and sustainable practices. Our vertically integrated operations ensure consistency, quality, and transparency at every stage.

**40+ YEARS OF BOTANICAL
EXPERTISE**

**VERTICALLY INTEGRATED
MANUFACTURING**

**ETHICAL AND
SUSTAINABLE SOURCING**

**GLOBAL REACH WITH
LOCAL RESPONSIVENESS**



**LONG-TERM PARTNERSHIPS
WITH FARMERS**

**FAIR AND STABLE PRICING
MODELS**

**IMPROVED AGRICULTURAL
PRACTICES**

**ENHANCED RAW MATERIAL
QUALITY**

DNA fingerprinting

IoT tools

**Blockchain-enabled
systems**

TRACEABILITY & ETHICAL SOURCING

By integrating digital technology we ensure complete traceability of key raw materials from farm to finished extract.

PROCESS CAPABILITIES

With over 40 years of expertise, NESSO delivers high-quality, GMP-certified botanical ingredients, along with reliable service and regulatory support, backed by a global presence across the USA, UK, and Australia.

PROCESS INNOVATION

ADVANCED MANUFACTURING
INFRASTRUCTURE

RIGOROUS QUALITY CONTROL

END-TO-END TRACEABILITY

RESEARCH OFFERING



**NEW INGREDIENT
DEVELOPMENT**



**DEVELOP/CO-DEVELOP
INGREDIENTS OF YOUR
CHOICE**



**FORMULATION
SUPPORT**

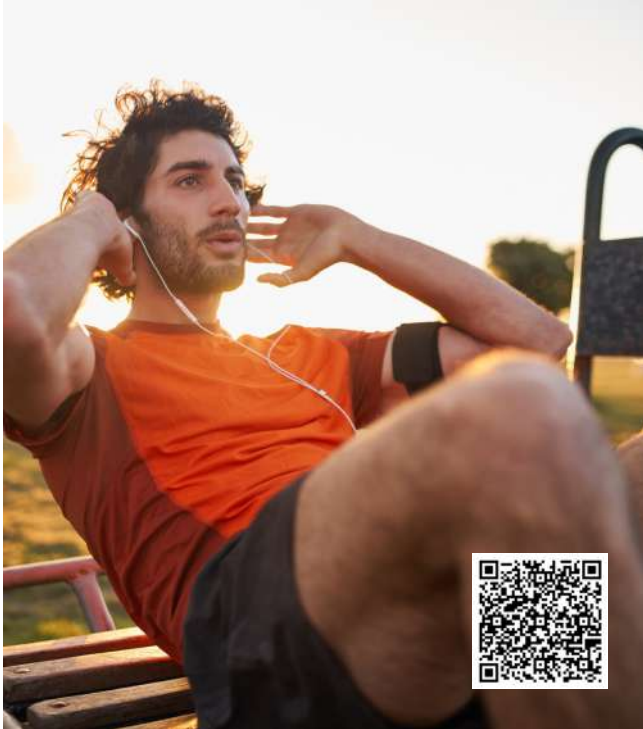


**IMPROVE YOUR
EXISTING INGREDIENT
FOR BETTER MARKET
POSITIONING**

Xplonox™

*Fuel Your Everyday
Performance*

A plant-based, patent-pending formulation developed for sports nutrition to support performance, strength, and endogenous testosterone.



3x

mTOR levels in
study cohorts

2.9x

Reported increase on
Total Testosterone

2.67x

Improvement in
upper body strength

2.14x

Improvement in lower
-body strength and
muscle size

**PERFORMANCE | MUSCLE GROWTH
STRENGTH**

Vixor™

Power that lasts

Vixor™ is a botanical formulation for sexual health that has shown significant improvements in testosterone levels and sexual behavior in preclinical studies.



Preclinical Results Testosterone

174%

Total Testosterone

115%

Free Testosterone

**NEXT-GENERATION DIETARY
INGREDIENT FOR SEXUAL HEALTH**

NZM-5

Lighter. Leaner. Stronger.



NZM-5 is a novel, patent-backed herbal blend clinically validated to support weight reduction, lean mass preservation in overweight adults.

Science-Backed Performance

- ✓ Clinically studied in overweight adults
- ✓ Reduces weight, BMI, waist size & fat mass
- ✓ Improves lean mass
- ✓ Enhances metabolic marker (Adiponectin)
- ✓ Safe, tolerable & patent backed

REDEFINING WEIGHT MANAGEMENT

FenuFusion™

Plant-Powered Balance For Modern Nutrition.



FenuFusion is a proprietary, plant-based ingredient for gut health, satiety, and metabolic balance. Solutions from weight management to blood sugar control.

Power of 2

>25%

Protein

>55

Total Dietary Fibre

- ✓ Dual-nutrient payload
- ✓ Metabolic support
- ✓ Satiety & texture
- ✓ Formulation-friendly

FENUGREEK-DERIVED DIETARY FIBER + PROTEIN

Green Tea

Lean. Clean. Green.



Pure potent catechins for everyday vitality. Fuel metabolism and focus with NESSO green tea extract.

L-Theanine >20% by HPLC

Green Tea Caffeine >98% by HPLC

- ✓ PFAS FREE
- ✓ Phthalate Free
- ✓ ETO Free
- ✓ Pesticides Free
- ✓ DNA fingerprinting verified

**PERFORMANCE | MUSCLE GROWTH
STRENGTH**

Green Coffee

Stay energized, the natural way.



Future ready PFAS Free Green Coffee extracts. High purity caffeine for clean sustained energy

Nutraceutical Grades:

Green Coffee Extract: Total
Chlorogenic acid 45% to 70%

Green Coffee Extract:

5-CQA 10% to 35%

Natural Caffeine:

70% to 98%

PFAS FREE | PAH FREE | ETO FREE |
RAINFORST ALLIANCE CERTIFIED | ORGANIC

**WEIGHT MANAGEMENT
METABOLIC HEALTH**

Nitrates

NESSO's high-assay plant nitrate platform designed for sustained nitric oxide performance and cardiovascular health.

Amaranthus (Red Spinach) > 20% Nitrate

Beetroot > 15% Nitrate



NESSO High-Assay Natural Nitrates

- ✓ Standardized >15% – >20% Nitrate
- ✓ 1.5–2.0 g to Deliver ~350 mg Nitrate
- ✓ True Formulation Flexibility
- ✓ Sensory & Label Advantage
- ✓ Traceable Plant Sourcing

**MUSCLE PERFORMANCE | ENDURANCE
BLOOD PRESSURE SUPPORT**

Clinical Evidence Supporting Dietary Nitrates

Across approximately 15 peer-reviewed clinical studies and meta-analyses, nitrate-rich beetroot preparations have demonstrated:



Reductions in systolic blood pressure in hypertensive adults



Enhanced exercise performance and endurance metrics



Improvements in vascular and endothelial function



Support for cardiovascular efficiency and recovery parameters

NESSO Natural Nitrate Portfolio

High-Assay Nitrate Extract (>15% – >20%)

Optimized for compact dosage forms and performance applications

Color-Rich Beetroot Variant (~4% Nitrate)

Suitable for formulations requiring natural color contribution

Fragrances

Fully integrated supply chain ensures consistent quality, backed by 40+ years of expertise and FAIR FOR LIFE certified, traceable sourcing.



Jasmine Sambac

- Rich floral with distinctive green, fruity notes
- Ethically sourced with high traceability



Jasmine Grandiflorum

- Classic floral with warm, slightly spicy undertones
- High-purity, consistently controlled quality



Tuberose

- Intense creamy white floral with balsamic facets
- Farmer-backed sourcing with strong traceability

ESSENTIAL OILS

Davana

Cardamom

Valerian

Ginger

Turmeric leaf

Palmarosa

Lemongrass

Fenugreek

Geranium

Rose

Citronella

Basil

Rosemary

Patchouli

Eucalyptus

BOTANICAL EXTRACTS

Amaranthus (*Amaranthus* spp.)

Amla (*Phyllanthus emblica*)

Ashwagandha (*Withania somnifera*)

Beetroot (*Beta vulgaris*)

Berberine (*Berberis* spp.)

Boswellia (*Boswellia serrata*)

Caffeine Natural

Fenugreek (*Trigonella foenum-graecum*)

Garcinia (*Garcinia cambogia*)

Ginger (*Zingiber officinale*)

Green Tea

Green Coffee

ORGANIC EXTRACTS

Fenugreek

Green Coffee Bean

Green Tea (*Camellia sinensis*)

Ashwagandha (*Withania somnifera*)

Turmeric Leaf oil



High-quality standardized botanical extracts produced using green processes, stringent quality controls, and advanced traceability for safe, effective global applications.





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