



NEFER — COGNITIVE SUPPORT*

A high-performance neuro-targeting nutraceutical engineered to tune brainwave frequencies, accelerate neurogenesis, and optimize cerebral oxygenation. By combining premium standardized botanical extracts with essential cellular cofactors and bioavailability catalysts (including Lion's Mane, Ginkgo Biloba, 40% L-Theanine Green Tea, and 95% Pure Piperine), Nefer dynamically clears cognitive fog, fuels cellular ATP generation within neurons, and supports neuroplasticity and emotional equilibrium from within.*

1. General Product Specifications (US Market)

TECHNICAL PARAMETERS & TRACEABILITY MAPPING	
Product Name	Nefer (Cognitive Support*)
Product Category	Dietary Supplement (US FDA 21 CFR Compliant Labeling)
Brand Name	Éter Anima
Manufacturing Origin	Made in Spain (Distributed Internationally)
Dosage Form	Hard Veggie Capsules (Hypromellose System)
Packaging Presentation	Amber bottle containing 60 veggie capsules
Serving Size	2 Capsules per day (Provides 30 servings per container)
Net Weight	37.38 g (1.32 oz) 623 mg per capsule
Control Batch Number	25110220250092
Expiration Profile (Best By)	11/2028
Distributed By	EJM Farming Investments S.L. 15 Can Pau Birol Street, Unit 2, Lower Level, 17005 Girona, Spain
Technical Contact	hello@eteranima.com www.eteranima.com

2. Supplement Facts: Qualitative & Quantitative Composition

In strict accordance with US FDA 21 CFR 101.36 standards, the qualitative and quantitative composition per daily serving size (2 capsules) is certified below. This matrix reflects the official US label specifications, including calibrated Active Daily Values (% DV):

Active Ingredient Input	Mass per Serving	Certified Raw Purity / Assay	Elemental Active Yield	% Daily Value (% DV)	Primary Bioactive Pathway
Lion's Mane Powder (Hericium erinaceus)	400 mg	100% Pure Seta Deshidratada	400 mg (Full Biomass, ~23% β-glucans)	†	Stimulates Nerve Growth Factor (NGF) synthesis; supports neurogenesis and long-term memory.
Inositol	150 mg	≥ 97.0% - 102.0% (HPLC, Dry Basis)	150 mg (Pure Myo-Inositol)	†	Structural brain cell membrane lipid; crucial second messenger for efficient neural signaling.
Ginkgo Biloba Leaf Extract (Ginkgo biloba L.)	120 mg	≥ 24.0% Flavone Glycosides (~10:1 Ratio Matrix)	28.8 mg (Active Flavones)	†	Optimizes cerebral microcirculation, deep tissue oxygenation, and nutrient delivery to neurons.
Fermented Black Garlic Powder (AlliumsativumL.)	100 mg	100% Pure Liofilizado (Slow-Matured Matrix)	100 mg (SAC-rich Organosulfurs)	†	Provides high-performance neuroprotective antioxidants and vascular endothelial system support.
Green Tea Extract (Camellia sinensis)	100 mg	≥ 40.0% L-Theanine (Botanical Isolation)	40.0 mg (Active L-Theanine)	†	Promotes calm alertness and sharp focus by inducing alpha brain waves and buffering cortisol.
Saffron Stigma Extract (Crocus sativus L.)	30 mg	≥ 2.0% Safranal / ≥ 4.0% Crocins (2:1 Ratio Matrix)	0.6 mg Safranal 1.2 mg Crocins	†	Clinically backed emotional stabilizer; modulates monoamine neurotransmitter reuptake.
Black Pepper Fruit Extract (Piper nigrum L.)	5 mg	≥ 95.0% Piperine (35:1 Concentration Ratio)	4.75 mg (Active Piperine)	†	High-performance bio-enhancer; significantly increases the intestinal absorption of phytonutriceuticals.
Vitamin B6 (asPyridoxine HCl)	2 mg	99.0% - 100.5% (USP/Nutrifoods Grade)	1.7 mg (Pure Pyridoxine)	100%	Indispensable enzymatic cofactor driving endogeneous synthesis of Serotonin, Dopamine, and GABA.

3. Certified Raw Material Technical Monographs (Assay & Purity Audited)

3.1. Standardized Saffron Stigma Dry Extract (2% Safranal / 4% Crocins)

- **Taxonomy & Extraction Profile:** 100% derived from the genuine red stigmas of *Crocus sativus* L. (Reference Code: AB-278, Batch: AB0000126). Processed via a precise eco-conscious extraction phase utilizing 20% USP Ethanol and 80% Purified Water as the sole operational extraction solvents. Concentration ratio is established at 2:1.
- **Purity & Assay Benchmarks:** Standardized to yield not less than 2.00% Safranal (tested real: 2.46%) and not less than 4.00% Crocins (tested real: 5.42%) via high-sensitivity UV-Vis spectrophotometry. Physical composition: free-flowing orange-yellowish to intense red fine powder with a characteristic aroma. Particle size completely passes a 0.5 mm screen. Loss on drying: 8.11% (specification threshold: $\leq 10.00\%$). Carrier: 60% clean, non-GMO corn starch.

3.2. Certified Organic Lion's Mane Powder (Full-Spectrum Biomass)

- **Mushroom Taxonomy & Origin:** 100% pure dehydrated whole mushroom powder of *Herichium erinaceus* (Produced and processed by Setacor, Córdoba, Spain). Sourced from proprietary certified organic agricultural cultivation lines. Processed strictly via clean mechanical dehydration at low temperature (45 °C for 24 hours), guaranteeing a moisture weight reduction of $\geq 87\%$ from initial fresh mass.
- **Biochemical Purity:** Free of additives, blending excipients, or third-party chemicals. Natural active β -glucan content is scientifically estimated at an average of 23.0% of the absolute dry weight biomass, driving macrophages and nerve growth factors. Expressly authorized for complement use by the Spanish Agency for Food Safety and Nutrition (AESAN) in 2019.

3.3. Pure Myo-Inositol (Maize-Steep Origin)

- **Chemical Profile & Traceability:** CAS Number: 87-89-8. Molecular Formula: $C_6H_{12}O_6$. Molecular Weight: 180.16 g/mol. Reference Code: MP0407 (Provider: P02013). Sourced 100% from vegetable origin, isolated through targeted extraction of potassium phytate obtained from the steepwater of non-GMO corn hulls. Completely free of animal matrices.
- **Purity Specifications:** Guaranteed Purity / Assay Value of 97.0% to 102.0% calculated on a dry basis using high-performance liquid chromatography (HPLC). Appears as a white, highly crystalline fine powder. Melting point profile verified between 224.0 °C to 227.0 °C. Loss on drying and total moisture: $\leq 0.5\%$. Residue on ignition: $\leq 0.1\%$. Particle size distribution profile guarantees that a minimum of 98% passes through a standardized 30 MESH screen. Fully compliant with World Anti-Doping Agency (WADA) criteria.

3.4. Standardized Ginkgo Biloba Leaf Extract (24% Flavone Glycosides)

- **Botanical Origin & Ratio:** Premium dry extract obtained from the leaves of *Ginkgo biloba* L. (Reference Code: EXT-808, Origin: Asia). Extracted utilizing a precise balanced phase of Water-Ethanol, providing an extreme concentration ratio of approximately 10:1. Carrier: Non-GMO food-grade maltodextrin.
- **Purity Standards:** Assay validation strictly confirms $\geq 24.0\%$ pure Flavone Glycosides via UV analysis. Physical form: yellowish-brown fine powder with an 80 MESH particle size. Bulk density: 45.0 to 60.0 g/100mL. Loss on drying is capped at $\leq 5.0\%$. Residual extraction solvents are fully compliant with the strict limits of the European Pharmacopoeia (Ph. Eur.) and USP.

3.5. Slow-Matured Fermented Black Garlic Powder (Freeze Dried)

- **Process & Composition:** Manufactured by Laboratorios Planes S.L. for Mouse Hill S.C. (Code: FTT091 v00). Derived from fresh bulbs of *Allium sativum* L. grown in Las Pedroñeras (Cuenca, Spain). Undergoes an extended, natural thermal-humidity maturation process (*slow mellowing*) without additives, converting harsh organosulfurs into high-bioavailability S-allyl-cysteine (SAC) and glutamic acid. The matured biomass is then freeze-dried (*Freeze Dried*), yielding exactly 50% of the initial concentrated mass.

3.6. Standardized Green Tea Extract (40% L-Theanine)

- **Chemical Matrix & Taxonomy:** Extracted from premium leaves of *Camellia sinensis* (Reference Code: P04405, Sanmart Quality Grade). Qualitative composition: 90% to 100% pure Green Tea Extract, 0% to 10% food-grade maltodextrin. Standardized via calibrated chromatography to contain not less than 40.00% pure active L-Theanine. Caffeine concentration is controlled and reported only. Physical profile: brown-yellow fine powder with $\geq 95\%$ passing through 80 MESH. Capped at $\leq 5.0\%$ loss on drying.

3.7. High-Concentration Black Pepper Fruit Extract (95% Piperine)

•**BioavailabilityCatalyst Profile:** Derived from the fruit of *Piper nigrum* L. (Reference Code: MP0605, Provider Code: P00168). Processed via advanced water-ethanol solvent phases to achieve an extreme botanical concentration ratio of 35:1. Absolutely excipient-free (Excipient: Ausencia). Standardized to yield a Purity / Title of $\geq 95.0\%$ pure active Piperine. Physical appearance: light-yellow to off-white fine powder with an 80 MESH matrix size and relative bulk density of 40 to 60 g/100mL. Residual extraction solvents are fully compliant with Ph. Eur. rules.

3.8. Vitamin B6 (Pure Pyridoxine Hydrochloride – USP/Grade)

•**Chemical Matrix:** High-purity crystalline Pyridoxine HCl compliant with strict USP and FCC monograph criteria (CAS: 58-56-0). Calibrated precisely to yield a 100% active elemental yield of Pyridoxine cofactors driving neurochemical transamination.

4. Clean-Label Encapsulation System & Excipients

• **Organic Bulking Agent:** Heweten® Cellulose Grade (JRS Pharma, Germany). Pure Microcrystalline Cellulose Type 102/200 obtained through controlled mineral-acid hydrolysis of softwood alpha-cellulose trees. 100% pure chemical composition: completely free of carbohydrates, starches, or dairy sugars.

• **Veggie Capsule Matrix:** Inprocaps Brand (Hypromellose E464). Crafted completely from plant-derived wood-cellulose fibers. Fully transparent capsule body and cap, completely odorless. Disintegration validation metric: ≤ 15 minutes (NMT 15 min under USP rules). Certified Kosher, Halal, ISO, and NSF-GMP compliant.

5. Impurities, Heavy Metals, & Microbiological Safety Control Limits

Critical Parameter Target	Nefer Specification Upper Limits	Analytical Methodology	Verification
Lead (Pb)	≤ 3.0 ppm (mg/kg)	ICP-MS (Mass Spectrometry)	
Arsenic (As)	≤ 2.0 ppm (mg/kg)	ICP-MS	
Cadmium (Cd)	≤ 1.0 ppm (mg/kg)	ICP-MS	
Mercury (Hg)	≤ 0.1 ppm (mg/kg)	ICP-MS	
Aflatoxins (B1 / Total)	≤ 2 ppb / ≤ 4 ppb	HPLC-FLD / High Sensitivity Immunoaffinity	
Total Plate Count (TAMC)	$< 50,000$ CFU/g [Herbal Standard]	USP <2021> / Standard Plate Agar	
Total Yeast & Mold (TYMC)	≤ 100 CFU/g	USP <2021> / Selective Sabouraud Matrix	
Escherichia coli	Absent / Negativo in 1g	USP <2022> Enriched Growth Agar	
Salmonella spp.	Absent / Negativo in 25g	USP <2022> Automated Enrichment Protocol	
Residual Solvents	Absent / Compliant	GC-MS (Ph. Eur. & USP Headspace GC)	

6. Allergen Screening & Biochemical Integrity Declarations

SAFETY & COMPLIANCE TARGET	OFFICIAL STATUS	REGULATORY FRAMEWORK & TRACEABILITY SPECIFICATIONS
1. Cereals containing gluten	COMPLIANT / ABSENT	100% free of wheat, rye, barley, oats, or spelt according to EU 1169/2011 and US FALCPA guidelines.
2. Crustaceans and derivatives	COMPLIANT / ABSENT	No marine-sourced components or wildlife derivatives are handled in the manufacturing area.
3. Eggs and derivatives	COMPLIANT / ABSENT	Complete exclusion of avian or egg-white albumin ingredients. Zero cross-contamination risk.
4. Fish and derivatives	COMPLIANT / ABSENT	Formula is strictly vegan and fúngica; totally isolated from any marine or aquaculture matrices.
5. Peanuts and derivatives	COMPLIANT / ABSENT	Manufacturing plant lines are completely certified clean and free from any peanut handling.
6. Soybeans and derivatives	COMPLIANT / ABSENT	100% free of soy lecithin or soy protein fractions. Zero risk of botanical cross-contamination.
7. Milk and derivatives (Lactose)	COMPLIANT / ABSENT	Pure microcrystalline cellulose bulking agent is certified free of dairy sugars or starches.
8. Tree Nuts	COMPLIANT / ABSENT	Excludes almonds, walnuts, pecans, pistachios, or macadamias. Completely isolated facility.
9. Celery and derivatives	COMPLIANT / ABSENT	Botanical lines are audited and confirmed free from any raw Apiaceae allergen contamination.
10. Mustard and derivatives	COMPLIANT / ABSENT	Zero contact or presence of mustard seeds or powders across all raw input supply channels.
11. Sesame seeds and derivatives	COMPLIANT / ABSENT	Complies strictly with US FASTER Act and EU guidelines. Total absence across raw matrices.
12. Sulphur dioxide and sulphites	COMPLIANT / ABSENT	No chemical sulfurization or chemical preservative channels are applied to the active matrices.
13. Lupine and derivatives	COMPLIANT / ABSENT	Raw botanical extraction lines are fully isolated from any legume or lupine processing vectors.
14. Mollusks and derivatives	COMPLIANT / ABSENT	Formula contains zero marine wildlife, shellfish, or mollusk-derived processing catalysts.
GMO Status	GMO FREE	Complies with Directives CE 1829/2003 and 1830/2003. Mushroom culture and extraction processes are free of genetically engineered materials.
Ethylene Oxide (ETO)	ETO FREE	Sterilization strictly verified to be free from Ethylene Oxide gas parameters (≤ 0.01 mg/kg thresholds).
BSE/TSE Risk Profile	BSE/TSE FREE	Complies with EEC 99/742/EC and 97/534/EC guidelines. Softwood excipients and plant HPMC capsules are fully isolated from contaminant vectors.
Irradiation Treatment	NON-IRRADIATED	Conforms to EU Directive 1999/2/CE. The biochemical structure has not been exposed to ionizing sterilization channels.
Nanomaterial Profile	NANOMATERIAL FREE	Formula contains zero engineered nanoparticles or sub-micron dispersion texturizers.

7. Warnings, Suggested Use, & Storage Matrix

- Suggested Use: Take 2 capsules daily with food and a full glass of water, or as directed by your healthcare professional.
- Storage Conditions: Keep tightly closed in the original amber protective bottle. Store in a cool, dark, and dry place (below 25 °C / 77 °F). Absolute isolation from direct light, humidity, and volatile chemical vapors is mandatory.
- Federal Warning Matrix: * Do not exceed the recommended daily dose. Dietary supplements must not be utilized as a substitute for a varied, balanced diet and a healthy lifestyle. Keep out of reach of young children. Not suitable for pregnant or nursing women. Consult your healthcare provider before use if you are undergoing medical treatment or taking prescription medications (especially blood thinners, due to the natural blood-modulating properties of high-purity standardized Ginkgo biloba extract).
- * FDA Disclaimer: These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

US SPECIFICATION AUTHORIZATION & QUALITY SIGN-OFF

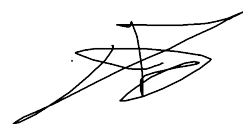
By signing below, it is formally certified that the audited chemical profiles, strict quantitative active assays, and microbiological safety limits detailed in this document fully reflect the final product requirements for international and United States marketplace distributions.

Technical Director: Enric Romero

Title: Founder & CEO / Head of Laboratory & Quality Control

Organization: Laboratorios Éter Anima

Date of Approval: June 22, 2026



Authorized Digital Signature/Sello