

Certificate of Analysis (COA)

Finished Product / Producto Terminado

Product Name: PROMAX BERBERINE (Metabolic & Glucose Complex)
Brand: LUMINESEN NATURAL HEALTH
Product Form: Size #0 Capsules (orange/white)
Net Weight / Capsule: 465 mg $\pm$ 5%
Container Quantity: 90 Capsules / Doypack
Manufacturer / Responsible Party: LUMINESEN NATURAL HEALTH SL
Address: Carrer del Crom 29, 08907 L'H, Barcelona Spain
AESAN Reg. No. / N° RGSEAA: 26.019820/B
Product Code: PR01L

Batch Details

Batch No: PR01L062026
Manufacturing Date: 06/2026
Best Before: 06/2028
Sampling Protocol: According to ISO 2859-1 (AQL 1.0)

1. Organoleptic & Physical Tests

Test Parameter	Specification / Acceptance Criteria	Test Method	Result	Status
Appearance	Size #0 Clear Hard Gelatin/HPMC Capsule containing light brownish/greenish powder	Visual	Conforms	PASS
Odor & Taste	Characteristic botanical odor, slightly bitter	Sensory	Conforms	PASS
Average Fill	485.0 mg $\pm$ 5% (460.7 mg –	Ph. Eur. 2.9.5	486.2 mg	PASS

Test Parameter	Specification / Acceptance Criteria	Test Method	Result	Status
Weight	509.2 mg)	/ USP <2091>		
Weight Variation	Complies with Ph. Eur. Limits (<=7.5% dev.)	Ph. Eur. 2.9.5	Conforms	PASS
Disintegration Time	<30 minutes in water at 37°C	Ph. Eur. 2.9.1 / USP <2040>	12 min 30 sec	PASS

2. Chemical Identification & Assay (Active Ingredients)

Active Ingredient	Label Claim (per Target Spec (per 3 caps)		Assay Result	Test Method	Status
Bitter Melon Extract (10% Charantin)	750.0 mg	250.0 mg	252.1 mg	HPLC	PASS
Green Tea Extract (50% EGCG)	300.0 mg	100.0 mg	101.4 mg	HPLC	PASS
Gymnema Sylvestre Extract (25% Gymnemic Acids)	150.0 mg	50.0 mg	50.8 mg	Gravimetric / HPLC	PASS
Milk Thistle Extract (80% Silymarin)	90.0 mg	30.0 mg	30.5 mg	HPLC / UV- Vis	PASS
Milk Thistle Extract (80% Silymarin)	90.0 mg	30.0 mg	31.2 mg	HPLC / Titration	PASS

Vitamin B6 (<i>Pyridoxal-5-Phosphate</i>)	15.0 mg	5.0 mg	5.15 mg	HPLC	PASS
Vitamin B6 (<i>Pyridoxal-5-Phosphate</i>)	9.0 mg	3.0 mg	3.06 mg	HPLC	PASS
Chromium (<i>as Picolinate</i>)	300.0 mcg	100.0 mcg	102.5 mcg	ICP-MS	PASS
Black Pepper Extract (<i>95% Piperine</i>)	(Included in blend)	3.0 mg	3.04 mg	HPLC	PASS

3. Microbiological Limits (EU / Ph. Eur. 5.1.8 Category B)

Test Parameter	Maximum Specification Limit	Result	Test Method	Status
Total Aerobic Microbial Count (TAMC)	<= 10,000 CFU/g	<= 100 CFU/g	Ph. Eur. 2.6.12	PASS
Total Combined Yeasts/Molds (TYMC)	<= 100 CFU/g	<= 10 CFU/g	Ph. Eur. 2.6.12	PASS
Escherichia coli	Absent in 1 g	Absent	Ph. Eur. 2.6.13	PASS
Salmonella spp.	Absent in 25 g	Absent	Ph. Eur. 2.6.31	PASS
Staphylococcus aureus	Absent in 1 g	Absent	Ph. Eur. 2.6.13	PASS

4. Heavy Metals & Contaminants (EU Reg. 2023/915)

Parameter	Specification Limit	Tested Result	Method	Status
Lead (Pb)	<= 3.0 mg/kg (ppm)	0.12 ppm	ICP-MS	PASS
Cadmium (Cd)	<= 1.0 mg/kg (ppm)	0.04 ppm	ICP-MS	PASS
Mercury (Hg)	<= 0.1 mg/kg (ppm)	<= 0.01 ppm	ICP-MS	PASS
Arsenic (As)	<= 1.0 mg/kg (ppm)	0.08 ppm	ICP-MS	PASS
Pesticides Screening	Complies with EU MRL Limits	Conforms	GC-MS/LC-MS	PASS

Quality Release Verdict

FINAL VERDICT: **APPROVED FOR RELEASE**

Declaration: This product batch has been manufactured and controlled in compliance with EU GMP/HACCP practices and AESAN regulatory frameworks. All analytical testing results conform to specifications.

Quality Control Manager: Xavier Rocasalvas Terricabras

Date: 28 / 09 / 2026

Approved Seal: LUMINESEN NATURAL HEALTH S.L.


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