Certificate of Analysis

ILS Laboratories
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PM Matrix - 350 mg/mL

Tested for: Glow Aminos
www.glowaminos.com

PASS

Scan to verify authenticity at ils-lab.com
Access Code: ZAM4YHDB

COA #:	**COA-2026-957528**	Analysis Date:	**10/06/2026**
Lot Number:	**GL-010307**	Appearance:	**Good**
Labeled Content:	**350 mg/mL**	Volume:	**20mL**
Volume:	**20mL**	Date Received:	**09/28/2026**

Method: **Full QC Panel**

Identity
PM Matrix

Fentanyl Free



PM Matrix 350 mg/mL - GL-010307

Full QC Panel

Analyte	Specification	Result	Unit	Status
Net Blend Peptide Content	Manufacturer-declared total	**350.2**	mg/mL	N/A
-- GABA		*75.00*	*mg/mL*	
-- L-Histidine		*75.00*	*mg/mL*	
-- L-Theanine		*50.00*	*mg/mL*	
-- Magnesium		*75.00*	*mg/mL*	
-- Taurine		*75.00*	*mg/mL*	
-- Melatonin		*0.20*	*mg/mL*	
Identity (HPLC-RTM)	GABA + L-HISTIDINE + L-THEANINE + MAGNESIUM + TAURINE + MELATONIN	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

Heavy Metals Analysis (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	*Not Detected*	**PASS**
Cadmium (Cd)	NMT 0.5 ppm	*Not Detected*	**PASS**
Lead (Pb)	NMT 1.0 ppm	*Not Detected*	**PASS**
Mercury (Hg)	NMT 1.5 ppm	*Not Detected*	**PASS**
Chromium (Cr)	NMT 10.0 ppm	*Not Detected*	**PASS**

Sterility Testing (PCR)

Test	Specification	Result	Status
Sterility (PCR)	No Growth	**No Growth**	**PASS**

Endotoxin Testing (USP <85>)

Test	Specification	Result	Status
Endotoxin (USP <85>)	< 0.25 EU/mL	**0.071 EU/mL**	**PASS**

About this result: Endotoxin is reported as a quantitative value. Acceptable limits vary by product type and matrix, so no universal pass/fail threshold applies to RUO products. This result is below commonly referenced endotoxin thresholds.

Certificate Change History **ILS QA**

Oct 7, 2026, 7:33 PM PDT

Net Blend Peptide Content updated to 350.2 mg/mL with limit Manufacturer-declared total. Per-component amounts reflect the manufacturer-declared formulation.

Notes & Methodology

1. Date Tested: 10/06/2026. Methods: Full QC Panel.
2. The sample was confirmed to be PM Matrix by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Elemental impurities analyzed by ICP-MS per USP <233> methodology. Acceptance criteria are internal laboratory quality screening limits for research-use materials and do not represent evaluation against any specific pharmacopeial monograph or product specification.
4. Endotoxin tested per USP <85> kinetic chromogenic method. Acceptance criteria per client specification.
5. Per-component amounts reflect the manufacturer-declared formulation.
6. Component amounts are reviewed allocations of the reported Net Blend total; independent component measurement is not claimed.
7. Accreditation Scope: ILS Laboratories maintains ISO/IEC 17025 accreditation for activities listed in its published PJLA scope. Peptide testing reported on this certificate is performed for Research Use Only.
8. This certificate reports analytical results for the sample(s) submitted to ILS Laboratories for testing. All sample identifications, product names, brand names, lot/batch numbers, and labeled content are provided by the submitting party and have not been independently verified. Results reflect only the analytical testing of the specific sample(s) provided and do not constitute an evaluation or endorsement of the manufacturer's processes, quality systems, or overall production. ILS Laboratories makes no representations regarding the intended use, safety, efficacy, regulatory status, or intellectual property ownership of any materials tested.

Issued by ILS Laboratories
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Dr. Greg Kalyuzhny
Lab Director
10/06/2026

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