Certificate of Analysis

ILS Laboratories
8222 Vickers St, Suite 106, San Diego, CA 92111
(619) 329-3999 | ils-lab.com

DSIP - 5mg

PASS

Tested for: Glow Aminos
www.glowaminos.com

COA #:	**COA-2026-412462**	Method:	**Full QC Panel**
Lot Number:	**GL-010109**	Analysis Date:	**05/15/2026**
Accession #:	**ACC-2026-2311**	Appearance:	**Good**
Concentration:	**5mg**	Volume:	**3mL**
Sample Matrix:	**Lyophilized**	Received:	**05/11/2026**

Scan to verify authenticity at ils-lab.com

Identity	Purity	
DSIP	**99.26%**	Fentanyl Free



DSIP 5mg - GL-010109

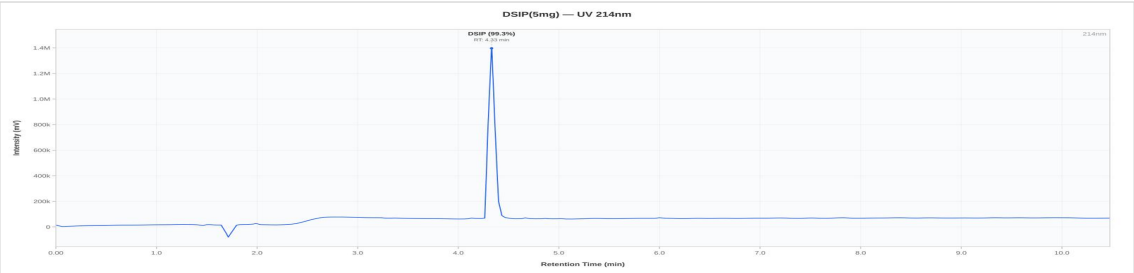
Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	**99.26%**	%	**PASS**
Net Peptide Content	Report Only	**5.15**	mg	N/A
Identity (ID)	DSIP	**Confirmed**	-	**PASS**
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	**PASS**

Heavy Metals (ICP-MS)

Analyte	Specification	Result	Unit	Status
Heavy Metals				
Arsenic (As)	<= 1.5 ppm	**0.296 ppm**	ppm	**PASS**
Cadmium (Cd)	<= 0.5 ppm	**0.166 ppm**	ppm	**PASS**
Lead (Pb)	<= 1 ppm	**0.226 ppm**	ppm	**PASS**
Mercury (Hg)	<= 1.5 ppm	**0.252 ppm**	ppm	**PASS**
Chromium (Cr)	<= 10 ppm	**0.482 ppm**	ppm	**PASS**

HPLC Chromatogram



Representative chromatogram, Dedicated V0 (99.06% purity, closest to batch mean of 99.16%)

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Dr. Greg Kalyuzhny
Lab Director
5/15/2026

COA #: **COA-2026-412462**
Access Code: **Q_-RM35-**
Verify: portal.ils-lab.com/verify/SROfnCdDgCIUDARW
Issued: 5/15/2026

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Lot Number:	**GL-010109**	Analysis Date:	**05/15/2026**
Accession #:	**ACC-2026-2311**	Appearance:	**Good**
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Sample Matrix:	**Lyophilized**	Received:	**05/11/2026**

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HPLC Conformity Testing Results (2 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated V0	99.06%	5.13 mg	Confirmed	**PASS**
Conformity V1	99.26%	5.15 mg	Confirmed	**PASS**
Mean	**99.16%**	**5.14 mg**	—	—
Std Dev	**0.1000%**	**0.0100 mg**	—	—

Sterility Testing (PCR)

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

Endotoxin Testing (USP <85>)

Test	Specification	Result	Unit	Status
Endotoxin (USP <85>)	< 0.25 EU/mL	**NMT 0.05 EU/mL**		**PASS**

Certificate Change History — **ILS QA**

Revision 1 – reissued October 30, 2026
Certificate statement updated. Test results are unchanged. Supersedes the original issued 05/15/2026.

Notes & Methodology

1. Date Tested: 05/15/2026. Methods: Purity & Quant (HPLC); Heavy Metals (ICP-MS).
2. The sample was confirmed to be DSIP by HPLC. Identification by chromatographic retention time comparison with a reference standard.
3. Chromatogram shown is representative: Dedicated V0 (99.06% purity, closest to batch mean of 99.16%).

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Lab Director
5/15/2026

COA #: **COA-2026-412462**
Access Code: **Q_-RM35-**
Verify: portal.ils-lab.com/verify/SROfnCdDgCIUDARW
Issued: 5/15/2026

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Quality System: ILS Laboratories operates an ISO/IEC 17025 quality management system. This certificate relates only to the sample(s) tested.