

ILS Laboratories

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

DISP - 10mg

Tested for: Golden State peps

PASS

COA #: COA-2026-AXKHRD
Lot Number: Lot-2026-001
Accession #: ACC-2026-7411
Labeled Content: 10mg

Analysis Date: 07/14/2026
Appearance: Good
Sample Matrix: Lyophilized
Vial Size: 3mL
Date Received: 07/01/2026



Scan to verify
authenticity at ils-lab.com
Access Code: 8S6WJERK

Method: Purity & Quant (HPLC), Heavy Metals (ICP-MS)

Identity

DISP

Peptide Purity

98.78%

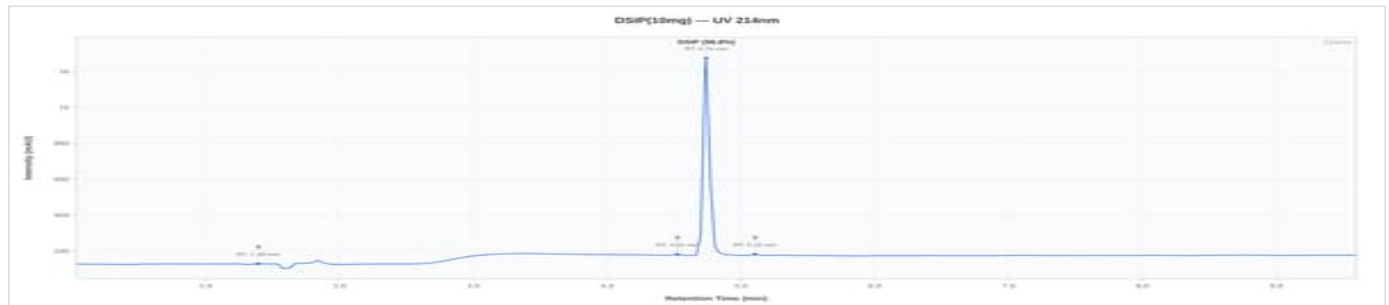


Fentanyl
Free

Purity & Quant (HPLC)

Analyte	Specification	Result	Unit	Status
Peptide Purity (HPLC)	>= 95.0%	98.78%	%	PASS
Net Peptide Content	Report Only	10.35	mg	N/A
Identity (HPLC-RTM)	DSIP	Confirmed	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	Not Detected	-	PASS

HPLC Chromatogram



DISP 10mg - Lot-2026-001: UV Chromatogram

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



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
7/14/2026

COA #: COA-2026-AXKHRD
Access Code: 8S6WJERK
Verify: portal.ils-lab.com/verify/6Wz09vSzV97YvJPW
Issued: 7/14/2026

Notes & Methodology

1. Date Tested: 07/14/2026. Methods: Purity & Quant (HPLC).
2. The sample was confirmed to be DISP 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. Peptide purity determined by RP-HPLC area normalization at 214 nm. Value represents the percentage of the target peptide relative to all peptide-related peaks. Non-peptide process-related impurities, if detected, are excluded from the calculation.



Dr. Greg Kalyuzhny
Lab Director
7/14/2026

COA #: **COA-2026-AXKHRD**
Access Code: **8S6WJERK**
Verify: portal.ils-lab.com/verify/6Wz09vSzV97YvJPW
Issued: 7/14/2026