

ILS Laboratories

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

DSIP - 10mg

PASS



Tested for: NextGen Peptides
www.NGpeptide.com

COA #: **COA-2026-STOYPC**
Lot Number: **DS01**
Accession #: **ACC-2026-0199**
Concentration: **10mg**
Sample Matrix: **White Lyophilized Powder**

Method: **Full QC Panel**
Analysis Date: **03/31/2026**
Appearance: **Good**
Volume: **3mL**
Received: **03/25/2026**



Scan to verify
authenticity at ils-lab.com

Identity

DSIP

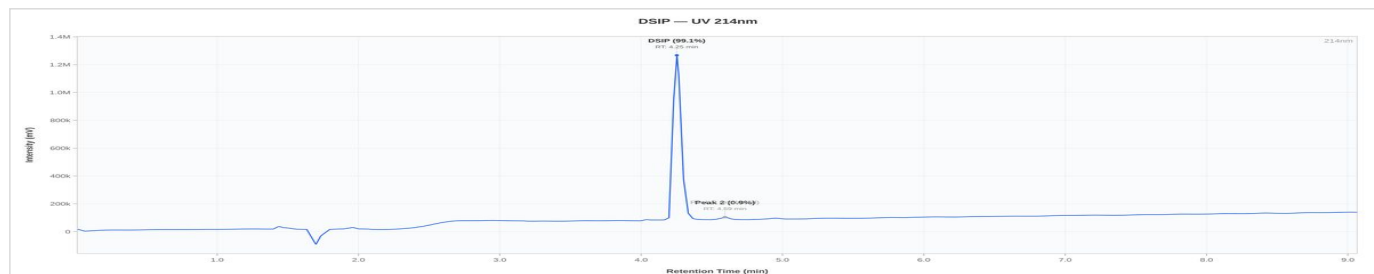
Purity

99.55%

Full QC Panel

Analyte	Specification	Result	Unit	Status
Purity (HPLC)	>= 95.0%	99.55%	%	PASS
Net Peptide Content	Results Only	10.17	ppm	PASS
Identity (ID)	Confirmed by RT	Confirmed		PASS

HPLC Chromatogram



Representative chromatogram, Dedicated Sample 1 (99.12% purity, closest to batch mean of 99.22%)

HPLC Conformity Testing Results (4 samples tested)

Sample	Purity	NPC	ID	Result
Dedicated Sample 1	99.12%	10.21 mg	Confirmed	PASS
Conformity Sample 1	99.11%	10.11 mg	Confirmed	PASS
Conformity Sample 2	99.08%	10.09 mg	Confirmed	PASS
Conformity Sample 3	99.55%	10.17 ppm	Confirmed	PASS
Mean	99.22%	10.14 mg	—	—
Std Dev	0.1940%	0.0477 mg	—	—



Dr. Greg Kalyuzhny

Dr. Greg Kalyuzhny
Lab Director
4/5/2026

COA #: **COA-2026-STOYPC**
Access Code: **-RRVW98T**
Verify: <portal.ils-lab.com/verify/IQUBu1kQLy-Evqk4>
Issued: 4/5/2026

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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
Chromium (Cr)	NMT 10 ppm	Not Detected	PASS
Mercury (Hg)	NMT 1.5 ppm	Not Detected	PASS
Lead (Pb)	NMT 1 ppm	Not Detected	PASS

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>)	< 0.05 EU/mL	NMT 0.05 EU/mL		PASS

Notes & Methodology

- Date Tested: 03/31/2026. Methods: Full QC Panel.
- The sample was confirmed to be DSIP by HPLC. Identification by chromatographic retention time comparison with a reference standard.
- 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 route-of-administration standard.
- Chromatogram shown is representative: Dedicated Sample 1 (99.12% purity, closest to batch mean of 99.22%).



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Lab Director
4/5/2026

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