DSIP (Delta Sleep-Inducing Peptide)

Certificate of Analysis & Complete Test Results

✓ VERIFIED & CERTIFIED

TEST DATE

Feb 13, 2026

BATCH NUMBER

110069

PURITY LEVEL

99.54%

Certificate of Analysis

High-Performance Liquid Chromatography

Client:

Peptides Canada

Sample Name:

DSIP (Delta Sleep-Inducing Peptide)

Batch #:

110069

Report Date:

02/14/2026

Test:

Purity

Receipt Date:

02/12/2026

Analysis Date:

02/13/2026

Matrix:

Powder

Number of samples:

1

Purity: 99.54%

Research-grade specification: ≥95.0% — this batch exceeds specification.

Date File	110069_MS2_posneg_DSIP _Lot110069_purity.d	**Sample Name**	DSIP _Lot110069_purity
Sample Type	Sample	**Position**	P4-65
Instrument Name	LCMS-7800 Series	**Username**	-
Acq Method	DSIP _purity_5mg.m	**Acquired**	02/13/2026 02:40:00 PM
IRM Calibration Status	Calibrated	**Time**	(UTC-07:00)
Comment	Sample test for purity of DSIP batch 110069	**DA Method**	SignalToNoiseCheckout.m
Sample Group	Test Batch 6	**Info.**	-
Stream Name	LC1	**Acquisition**	02/13/2026 02:40:00 PM
Acquisition SW Version	6400 Series Triple Quadrupole B.09.00 (89037.0)	**Time (Local)**	(UTC-07:00)

Peak List

Time	Area	% Area
3.12 min	5476.2	99.54 %
5.27 min	25.1	0.46 %

*** determined as DSIP based on retention time**

Note: Percent area between two compounds is not quantitative due to variable extinction coefficients.

Test Screen

UV Chromatogram:

Identity: DSIP

(Other names: Delta Sleep-Inducing Peptide, δ-Sleep-Inducing Peptide, Nonapeptide DSIP)

CAS: 62568-57-4

Data

Mass Spectrum

MSMS ID — head to tail database matching

Mass Spectrum Peptide Envelope encompasses the 1-3 positive change states conferring Peptide Mass

DSIP

Expected Mass: 850.9

Observed Mass: 850.9

Reviewed and approved by:

Herman Lelie

Pepslab.ca LLC. All test results are the responsibility of the client. This report relates only to the samples tested. The analyses were performed except as indicated. Samples are within quality control criteria and area specifications unless noted.