

Certificate of Analysis



Client:

Cellgenic

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Amino acid sequence (DSIP)

Trp-Ala-Gly-Gly-Asp-Ala-Ser-Gly-Glu

Sample Identification

Sample Name	DSIP 5 mg	Batch Number	DSP0520-01	Date Published	13-APR-2026
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Results for DSP0520-01 DSIP

Analysis of Peptide Identity, Content and Purity	ResultUnit	Uncertainty	Reporting Limit
DSIP Assay <i>Peptide Screening</i>	5.12 mg	[± 0.03]	
DSIP Identification by RT <i>Peptide Screening</i>	0.993	[± 0.005]	
DSIP Identification by spectrum <i>Peptide Screening</i>	992	[± 20]	
DSIP Purity <i>Peptide Screening</i>	99.2 %	[± 0.44]	
Bioburden	ResultUnit	Uncertainty	Reporting Limit
Total Aerobic Microbial Count <i>USP <61> Plate Count Method</i>	Not detected CFU/g		>= 1000 △
Total Yeast and Mold Count <i>USP <61> Plate Count Method</i>	Not detected CFU/g		>= 100 △
Endotoxin Analysis	ResultUnit	Uncertainty	Reporting Limit
Bacterial Endotoxin <i>USP<85> Bacterial Endotoxin Chromogenic Test</i>	< 0.001 EU/mg		> 0.5 △
Heavy Metals	ResultUnit	Uncertainty	Reporting Limit



Quality Assurance

SIGNED CERTIFICATION

Analysis results relate only to the samples tested.

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Edwin Hoag

Edwin Hoag, MD, PhD

Inspecting QA/QC Manager · Cellgenic Laboratories



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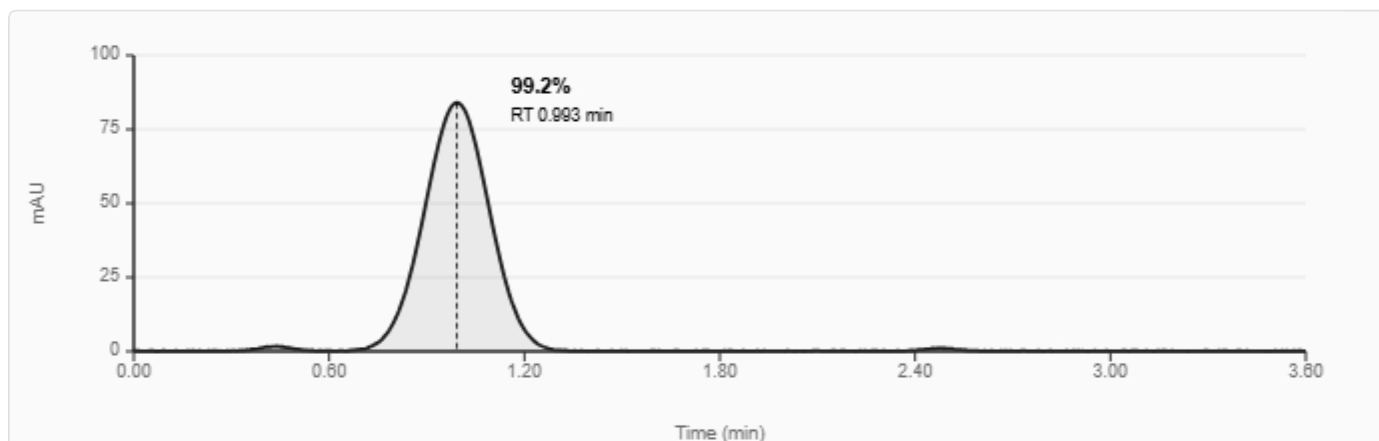
Analysis Dashboard

DSIP

• Batch: DSP0520-01 • 13-APR-2026

HPLC Chromatogram

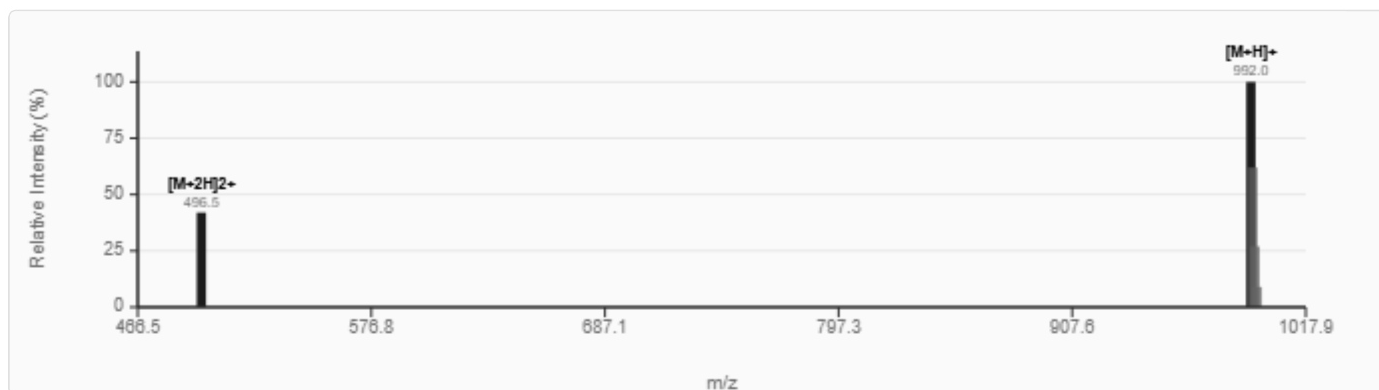
HIGH PERFORMANCE LIQUID CHROMATOGRAPHY • PURITY ANALYSIS



Column: C18, 250x4.6 mm, 5µm Mobile phase: H₂O/ACN + 0.1% TFA Detection: UV 220 nm RT: 0.993 min Purity: 99.2%

Mass Spectrum

ELECTROSPRAY IONIZATION MASS SPECTROMETRY • IDENTITY CONFIRMATION



Ionization: ESI+, positive mode Instrument: LC-MS/MS Observed: 992 m/z Identity: Confirmed ✓