PharmLabs Certificate of Analysis (COA)

Sample Peptide Panel

Sample ID **SD260821-037 (144585)**	Matrix **Flower**	Batch ID **GF98-001**	Lot ID **EE3211123**
Tested for **PharmLabs**			
Received **Aug 21, 2026**		Reported **NA**	
Analyses executed **PE-FP, RET**	Unit Mass (g) **2.75**	Num. of Servings **5**	Serving Size (g) **0.55**

Retatrutide Analysis

Analyzed **Aug 21, 2026** | Instrument **HPLC VWD** | Method **SOP-043 Peptides**
The expanded Uncertainty of the Retatrutide analysis is approximately **±7.81%** at the 95% Confidence Level

PURITY Purity compares the target peptide with detectable impurities.	RESULT 97.33%	
POTENCY Potency reports the target peptide concentration as % and mg/g. **Analytical sensitivity:** LOD 0.75 ppm · LOQ 2.275 ppm	RESULT 34.50%	RESULT 345.00 mg/g
DOSAGE Calculated from 5 servings at 0.55 g each	MG/SERVING 189.75 mg	MG/UNIT 948.75 mg

Endotoxin Screening

Analyzed **Aug 21, 2026** | Instrument **NA**
The expanded Uncertainty of the Endotoxin Screening analysis is approximately **±7.81%** at the 95% Confidence Level

Analyte	LOD EU/g	LOQ EU/g	Result EU/g	Limit EU/g
Endotoxin (LPS)	1.0	1.0	ND	

Sterility Testing

Analyzed **Aug 21, 2026** | Instrument **Plating** | Method **SOP-007**

Analyte	LOD CFU/G	LOQ CFU/G	Result CFU/G	Limit CFU/G
Total Aerobic Microbial Count (TAMC)	1.0	1.0	2	N/A
Total Yeast and Mold Count (TYMC)	1.0	1.0	ND	N/A

Heavy Metals

Analyzed **Aug 13, 2026** | Instrument **ICP/MSMS** | Method **SOP-005**

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	<LOQ	1.5
Cadmium (Cd)	0.0005	0.0015	0.00	0.5
Mercury (Hg)	0.0058	0.0174	0.00	3
Lead (Pb)	0.0006	0.0018	ND	0.5

Residual Solvents

Analyzed **Aug 07, 2026** | Instrument **GC/FID with Headspace Analyzer** | Method **SOP-006**

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Propane (Prop)	0.044	0.4	ND		Butane (But)	0.02	0.4	ND	
Methanol (Metha)	1.176	3.92	<LOQ		Ethylene Oxide (EthOx)	0.08	0.4	ND	
Pentane (Pen)	0.024	0.4	ND		Ethanol (Ethan)	0.048	0.4	ND	
Ethyl Ether (EthEt)	0.036	0.4	ND		Acetone (Acet)	0.044	0.4	ND	
Isopropanol (2-Pro)	1.16	3.868	ND		Acetonitrile (Acetonit)	0.888	2.952	ND	
Methylene Chloride (MetCh)	0.04	0.4	ND		Hexane (Hex)	0.012	0.4	ND	
Ethyl Acetate (EthAc)	0.032	0.4	ND		Chloroform (Clo)	0.028	0.4	ND	
Benzene (Ben)	0.012	0.4	ND		1-2-Dichloroethane (12-Dich)	0.024	0.4	ND	
Heptane (Hep)	0.012	0.4	ND		Trichloroethylene (TriClEth)	0.072	0.4	ND	
Toluene	0.036	0.4	ND		Xylenes (Xyl)	0.012	0.4	ND	

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected below the limit of quantification
>ULOL Above the upper limit of linearity
mg/g Milligrams per gram
ug/g Micrograms per gram
ug/kg Micrograms per kilogram
EU/mg Endotoxin units per milligram
CFU/g Colony-forming units per gram
TNTC Too Numerous to Count

PJLA Testing Acc. #85368

DEA license: RP0611043
ISO/IEC 17025:2017 Acc. 85368
COA version: draft preview

Scan the QR code to verify authenticity.

This Certificate of Analysis has not been finalized and it represents a draft until electronically signed by:

Brandon Starr, Quality Assurance Manager

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