Peptide R&D Testing

PharmLabs Certificate of Analysis (COA)

Sample **Peptide Panel**

PharmLabs
HONEST ACCURATE FAST ANALYTICS

SAMPLE ID	MATRIX	BATCH ID	LOT ID
SD260821-037 (144585)	Flower	GF98-001	EE3211123

Tested for **PharmLabs**

RECEIVED	REPORTED
Aug 21, 2026	Aug 21, 2026

ANALYSES EXECUTED	UNIT MASS (G)	NUM. OF SERVINGS	SERVING SIZE (G)
PE-FP, RET	100.0	10	10.0

Retatrutide Analysis (RET)

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	RESULT
34.50%	345.00 mg/g

DOSAGE
Calculated from **10 servings** at **10.0 g each**.

MG/SERVING	MG/UNIT
3450.00 mg	34500.00 mg

Endotoxin Screening (END)

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 (STE)

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 (HME)

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

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: V1
Generated: Aug 21, 2026 10:48 AM PDT

Scan the QR code to verify authenticity.

Authorized Signature
Brandon Starr
Brandon Starr, Quality Assurance Manager
Fri, 21 Aug 2026 10:48:41 -0700

PharmWare LABORATORY LIMS & ELN

Residual Solvents (RES)

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

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