

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 Aug 21, 2026		
ANALYSES EXECUTED PE-FP, RET	UNIT MASS (G) 100.0	NUM. OF SERVINGS 10	SERVING SIZE (G) 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 34.50%	RESULT 345.00 mg/g
DOSAGE Calculated from 10 servings at 10.0 g each.	MG/SERVING 3450.00 mg	MG/UNIT 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

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
>ULO 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



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

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