

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			Reported	NA		
Received	Aug 21, 2026						
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 (Ethanol)	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 (1,2-Dich)	0.024	0.4	ND	
Heptane (Hep)	0.012	0.4	ND		Trichloroethylene (TricIEth)	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
>LOL 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



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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