

## PharmLabs Certificate of Analysis (COA)

Sample Name **Peptide Panel**

|                                           |                                 |                                |                                 |
|-------------------------------------------|---------------------------------|--------------------------------|---------------------------------|
| SAMPLE ID<br><b>SD260821-037 (144585)</b> | MATRIX<br><b>Powder</b>         | BATCH ID<br><b>GF98-001</b>    | LOT ID<br><b>E321-001</b>       |
| RECEIVED<br><b>Aug 21, 2026</b>           | REPORTED<br><b>Sep 16, 2026</b> |                                |                                 |
| ANALYSES EXECUTED<br><b>PE-FP, RET</b>    | UNIT MASS (G)<br><b>25.0</b>    | NUM. OF SERVINGS<br><b>100</b> | SERVING SIZE (G)<br><b>0.25</b> |
| TESTED FOR<br><b>PharmLabs</b>            | AUTHORITY<br><b>-</b>           |                                |                                 |

## ● Retatrutide Analysis (RET)

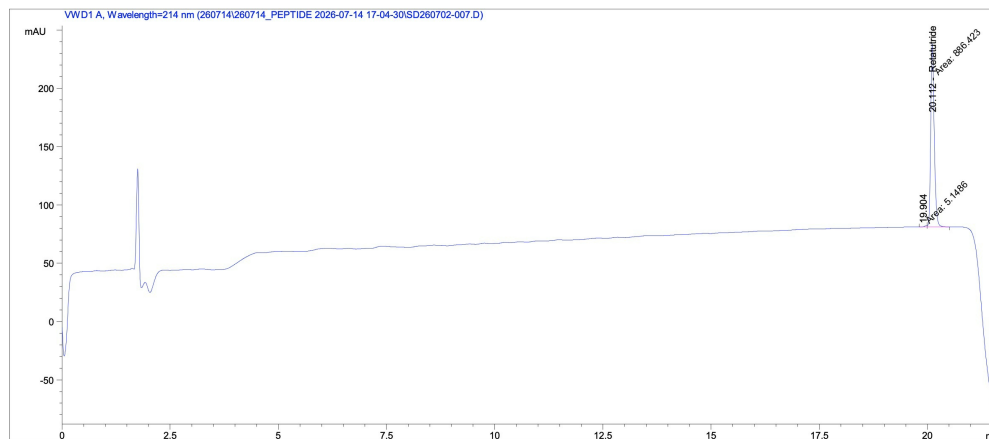
Analyzed Aug 21, 2026 | Instrument HPLC VWD | Method SOP-043 Peptides  
The expanded Uncertainty of the Retatrutide analysis is approximately  $\pm 7.81\%$  at the 95% Confidence Level

|                                                                                                                                                                                   |                                   |                              |                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------|----------------------------------|
| <b>PURITY</b><br>Purity compares the target peptide with detectable impurities.                                                                                                   | RESULT<br><b>97.33%</b>           |                              |                                  |
| <b>POTENCY</b><br>Potency reports the target peptide concentration as % and mg/g, plus mg/Unit calculated from unit mass.<br>Analytical sensitivity: LOD 0.75 ppm · LOQ 2.275 ppm | RESULT<br><b>34.50%</b>           | RESULT<br><b>345.00 mg/g</b> | RESULT<br><b>8625.00 mg/Unit</b> |
| <b>DOSAGE</b><br>Per serving calculated from 0.25 g per serving.                                                                                                                  | RESULT<br><b>86.25 mg/Serving</b> |                              |                                  |

## ● Sample photograph



## ● Chromatogram



## ● Endotoxin Screening (END)

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

| ANALYTE         | LOD EU/G | LOQ EU/G | RESULT EU/G | LIMIT EU/G |
|-----------------|----------|----------|-------------|------------|
| Endotoxin (LPS) | 1.0      | 1.0      | <b>ND</b>   |            |

UI Unidentified  
ND Not Detected  
N/A Not Applicable  
NT Not Reported  
LOD Limit of Detection  
LOQ Limit of Quantification  
<LOD Detected below the limit of quantification  
>LOQ 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: **V5**  
Generated: **Sep 16, 2026 10:07 AM**  
PDT



Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

Brandon Starr, Quality Assurance Manager  
Wed, 16 Sep 2026 10:07:35 -0700

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● Sterility Testing (STE)

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

| ANALYTE                              | LOD<br>CFU/G | LOQ<br>CFU/G | RESULT<br>CFU/G | LIMIT<br>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<br>UG/G | LOQ<br>UG/G | RESULT<br>UG/G | LIMIT<br>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<br>UG/G | LOQ<br>UG/G | RESULT<br>UG/G | LIMIT<br>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             |               |

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N/A Not Applicable  
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Brandon Starr, Quality Assurance Manager  
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