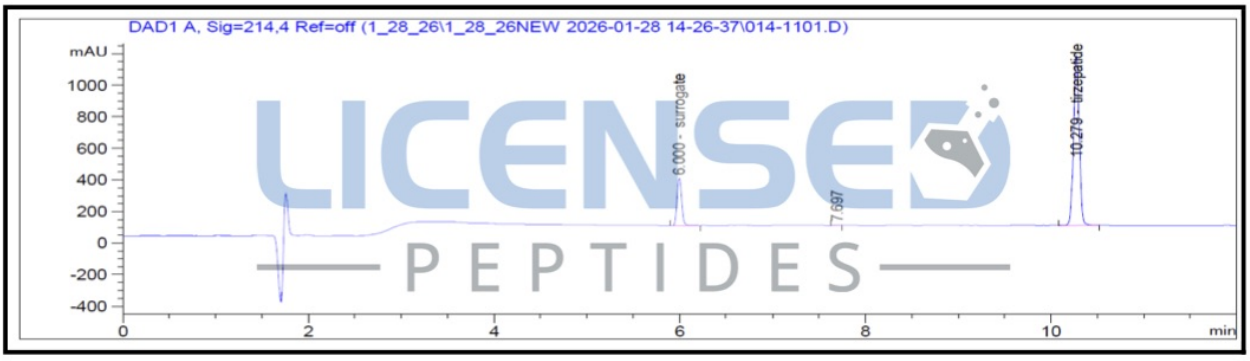
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

GLP2-T 5 mg

Report To:
Licensed Peptides

Compound: GLP2-T
Quantity: 5 mg
Laboratory ID: V260123-1 012
Lot Number: TIRZEP-05
Date Reported: 2/10/2026



Analysis	Method	Result
Chromatographic Purity	HPLC-UV/VIS	>99.80% ± 0.18%
Quantity	HPLC-UV/VIS	5.15 mg
Endotoxins	LAL	Pass - <5.00 EU/mg*
Sterility	USP <71>	Pass - No Growth Detected

*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 2/10/2026

Approved By: Tori Johnson, Operations Manager on 2/10/2026

ISO 17025:2017 ACCREDITED LABORATORY

Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch.

Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

GLP2-T 5 mg

Report To:
Licensed Peptides

Compound: GLP2-T
Quantity: 5 mg
Laboratory ID: V260123-1 012
Lot Number: TIRZEP-05
Date Reported: 2/10/2026

Analyte	Method	LOQ (ppm)	Result (ppm)
Arsenic (As)	ICP-MS	0.01	ND
Cadmium (Cd)	ICP-MS	0.01	ND
Lead (Pb)	ICP-MS	0.01	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 260123, 260203

LICENSED PEPTIDES

Report By: Dustin Newman, Laboratory Director on 2/10/2026

Approved By: Tori Johnson, Operations Manager on 2/10/2026

ISO 17025:2017 ACCREDITED LABORATORY

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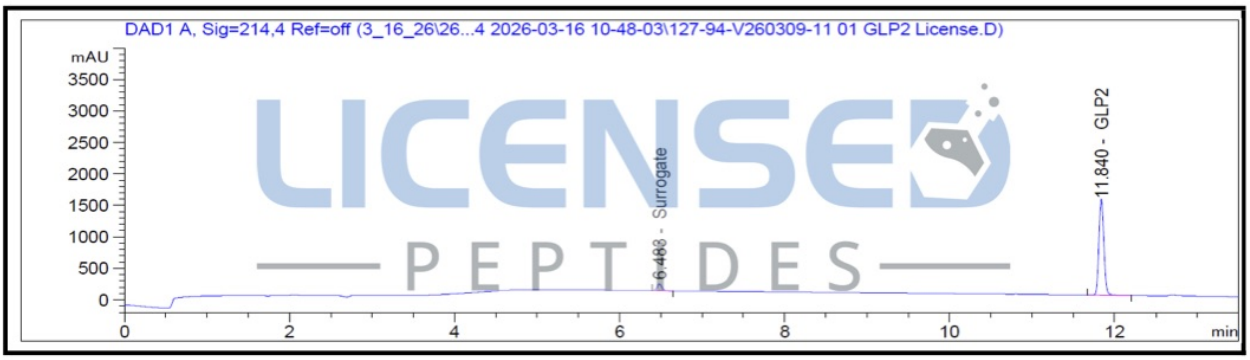
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

GLP2-T 15 mg

Report To:
Licensed Peptides

Compound: GLP2-T
Quantity: 15 mg
Laboratory ID: V260309-11 001
Lot Number: 032520261
Date Reported: 3/25/2026



Analysis	Method	Result
Chromatographic Purity	HPLC-UV/VIS	>99.80% ± 0.18%
Quantity	HPLC-UV/VIS	15.53 mg
Endotoxins	LAL	Pass - <5.00 EU/mg*
Sterility	USP <71>	Pass - No Growth Detected

*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 3/25/2026

Approved By: Tori Johnson, Operations Manager on 3/25/2026

ISO 17025:2017 ACCREDITED LABORATORY

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Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

GLP2-T 15 mg

Report To:
Licensed Peptides

Compound: GLP2-T
Quantity: 15 mg
Laboratory ID: V260309-11 001
Lot Number: 032520261
Date Reported: 3/25/2026

Analyte	Method	LOQ (ppm)	Result (ppm)
Arsenic (As)	ICP-MS	0.015	ND
Cadmium (Cd)	ICP-MS	0.015	ND
Lead (Pb)	ICP-MS	0.015	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 260316

LICENSED PEPTIDES

Report By: Dustin Newman, Laboratory Director on 3/25/2026

Approved By: Tori Johnson, Operations Manager on 3/25/2026

ISO 17025:2017 ACCREDITED LABORATORY

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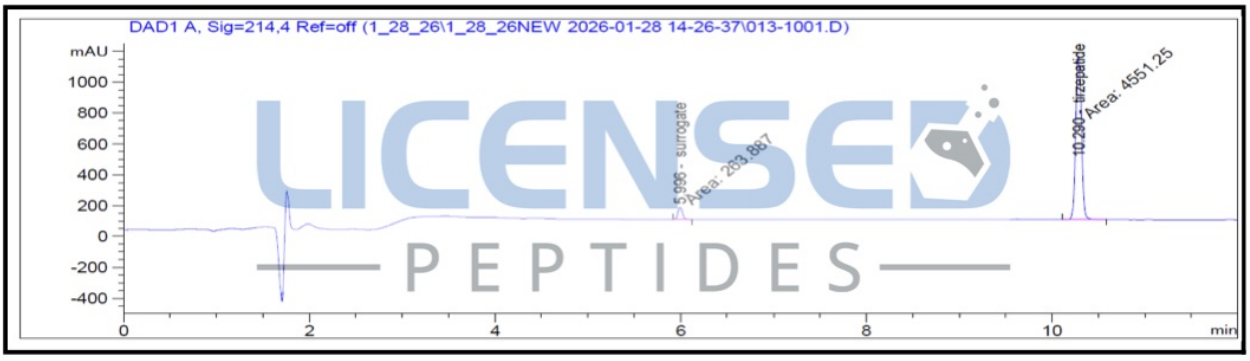
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

GLP2-T 20 mg

Report To:
Licensed Peptides

Compound: GLP2-T
Quantity: 20 mg
Laboratory ID: V260123-1 011
Lot Number: TIRZEP-03
Date Reported: 2/10/2026



Analysis	Method	Result
Chromatographic Purity	HPLC-UV/VIS	>99.80% ± 0.18%
Quantity	HPLC-UV/VIS	19.81mg
Endotoxins	LAL	Pass - <5.00 EU/mg*
Sterility	USP <71>	Pass - No Growth Detected

*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 2/10/2026

Approved By: Tori Johnson, Operations Manager on 2/10/2026

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Vanguard Laboratory
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360-967-7010

Certificate of Analysis

GLP2-T 20 mg

Report To:
Licensed Peptides

Compound: GLP2-T
Quantity: 20 mg
Laboratory ID: V260123-1 011
Lot Number: TIRZEP-03
Date Reported: 2/10/2026

Analyte	Method	LOQ (ppm)	Result (ppm)
Arsenic (As)	ICP-MS	0.01	ND
Cadmium (Cd)	ICP-MS	0.01	ND
Lead (Pb)	ICP-MS	0.01	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 260123, 260203

LICENSED PEPTIDES

Report By: Dustin Newman, Laboratory Director on 2/10/2026

Approved By: Tori Johnson, Operations Manager on 2/10/2026

ISO 17025:2017 ACCREDITED LABORATORY

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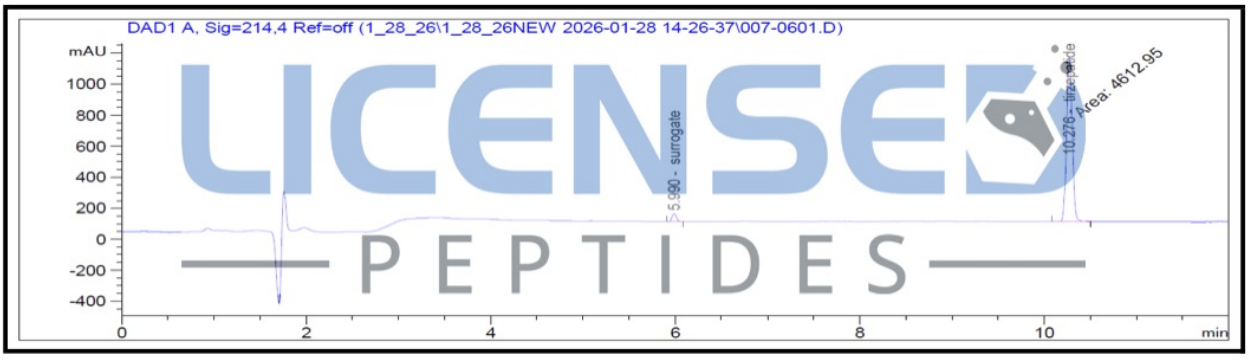
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

GLP2-T 30 mg

Report To:
Licensed Peptides

Compound: GLP2-T
Quantity: 30 mg
Laboratory ID: V260123-1 007
Lot Number: L10091
Date Reported: 2/11/2026



Analysis	Method	Result
Chromatographic Purity	HPLC-UV/VIS	>99.80% ± 0.18%
Quantity	HPLC-UV/VIS	30.31 mg
Endotoxins	LAL	Pass - <5.33 EU/mg*

*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 2/11/2026

Approved By: Tori Johnson, Operations Manager on 2/11/2026

ISO 17025:2017 ACCREDITED LABORATORY

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Olympia, Wa 98502
360-967-7010

Certificate of Analysis

GLP2-T 30 mg

Report To:
Licensed Peptides

Compound: GLP2-T
Quantity: 30 mg
Laboratory ID: V260123-1 007
Lot Number: L10091
Date Reported: 2/11/2026

Analyte	Method	LOQ (ppm)	Result (ppm)
Arsenic (As)	ICP-MS	0.01	ND
Cadmium (Cd)	ICP-MS	0.01	ND
Lead (Pb)	ICP-MS	0.01	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 260123, 260203

LICENSED PEPTIDES

Report By: Dustin Newman, Laboratory Director on 2/11/2026

Approved By: Tori Johnson, Operations Manager on 2/11/2026

ISO 17025:2017 ACCREDITED LABORATORY

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Vanguard Laboratory
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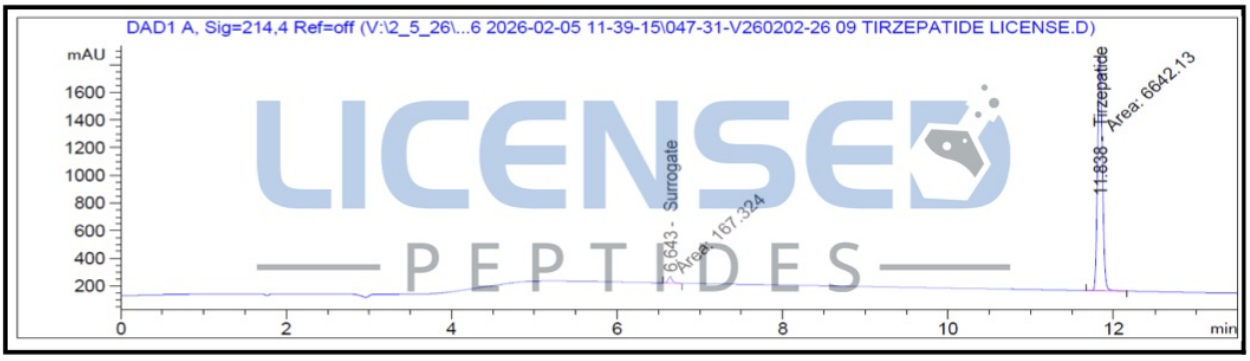
Certificate of Analysis

GLP-2 T 40 mg

Report To:
Licensed Peptides

Compound: GLP-2 T
Quantity: 40 mg
Laboratory ID: V260202-26 009
Lot Number: LP02202016
Date Reported: 2/20/2026



Analysis	Method	Result
Chromatographic Purity	HPLC-UV/VIS	>99.80% ± 0.18%
Quantity	HPLC-UV/VIS	38.67 mg
Endotoxins	LAL	Pass - <5.00 EU/mg*
Sterility	USP <71>	Pass - No Growth Detected

*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 2/20/2026

Approved By: Tori Johnson, Operations Manager on 2/20/2026

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Certificate of Analysis

GLP-2 T 40 mg

Report To:
Licensed Peptides

Compound: GLP-2 T
Quantity: 40 mg
Laboratory ID: V260202-26 009
Lot Number: LP02202016
Date Reported: 2/20/2026

Analyte	Method	LOQ (ppm)	Result (ppm)
Arsenic (As)	ICP-MS	0.015	ND
Cadmium (Cd)	ICP-MS	0.015	ND
Lead (Pb)	ICP-MS	0.015	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 260212

LICENSED PEPTIDES

Report By: Dustin Newman, Laboratory Director on 2/20/2026

Approved By: Tori Johnson, Operations Manager on 2/20/2026

ISO 17025:2017 ACCREDITED LABORATORY

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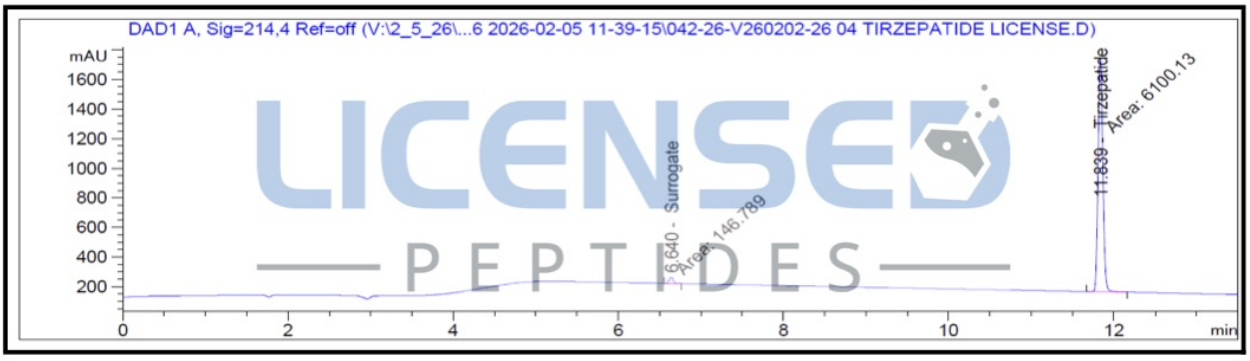
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

GLP-2 T 45 mg

Report To:
Licensed Peptides

Compound: GLP-2 T
Quantity: 45 mg
Laboratory ID: V260202-26 004
Lot Number: LP02202016
Date Reported: 2/20/2026



LICENSED PEPTIDES

Analysis	Method	Result
Chromatographic Purity	HPLC-UV/VIS	>99.80% ± 0.18%
Quantity	HPLC-UV/VIS	41.67 mg
Endotoxins	LAL	Pass - <5.00 EU/mg*
Sterility	USP <71>	Pass - No Growth Detected

*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 2/20/2026

Approved By: Tori Johnson, Operations Manager on 2/20/2026

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Certificate of Analysis

GLP-2 T 45 mg

Report To:
Licensed Peptides

Compound: GLP-2 T
Quantity: 45 mg
Laboratory ID: V260202-26 004
Lot Number: LP02202016
Date Reported: 2/20/2026

Analyte	Method	LOQ (ppm)	Result (ppm)
Arsenic (As)	ICP-MS	0.015	ND
Cadmium (Cd)	ICP-MS	0.015	ND
Lead (Pb)	ICP-MS	0.015	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 260212

LICENSED PEPTIDES

Report By: Dustin Newman, Laboratory Director on 2/20/2026

Approved By: Tori Johnson, Operations Manager on 2/20/2026

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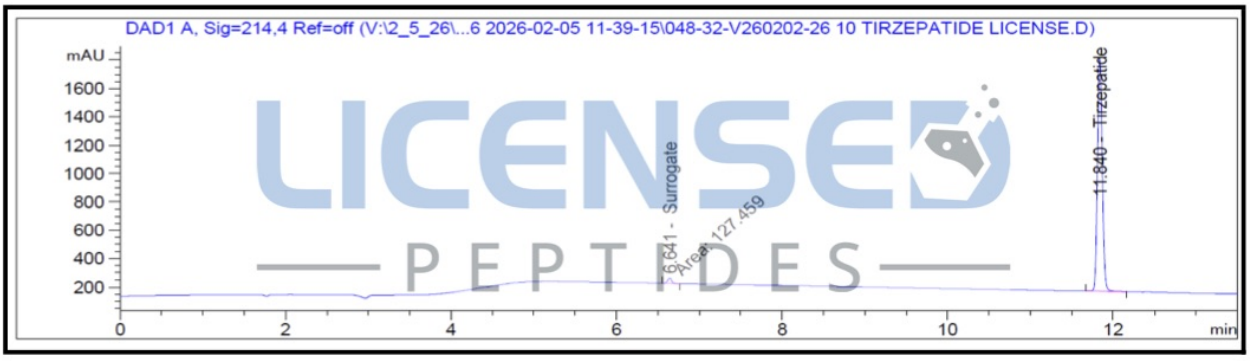
Certificate of Analysis

GLP-2 T 50 mg

Report To:
Licensed Peptides

Compound: GLP-2 T
Quantity: 50 mg
Laboratory ID: V260202-26 010
Lot Number: LP02202016
Date Reported: 2/20/2026



Analysis	Method	Result
Chromatographic Purity	HPLC-UV/VIS	>99.80% ± 0.18%
Quantity	HPLC-UV/VIS	48.54 mg
Endotoxins	LAL	Pass - <5.00 EU/mg*

*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 2/20/2026

Approved By: Tori Johnson, Operations Manager on 2/20/2026

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Certificate of Analysis

GLP-2 T 50 mg

Report To:
Licensed Peptides

Compound: GLP-2 T
Quantity: 50 mg
Laboratory ID: V260202-26 010
Lot Number: LP02202016
Date Reported: 2/20/2026

Analyte	Method	LOQ (ppm)	Result (ppm)
Arsenic (As)	ICP-MS	0.015	ND
Cadmium (Cd)	ICP-MS	0.015	ND
Lead (Pb)	ICP-MS	0.015	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 260212

LICENSED PEPTIDES

Report By: Dustin Newman, Laboratory Director on 2/20/2026

Approved By: Tori Johnson, Operations Manager on 2/20/2026

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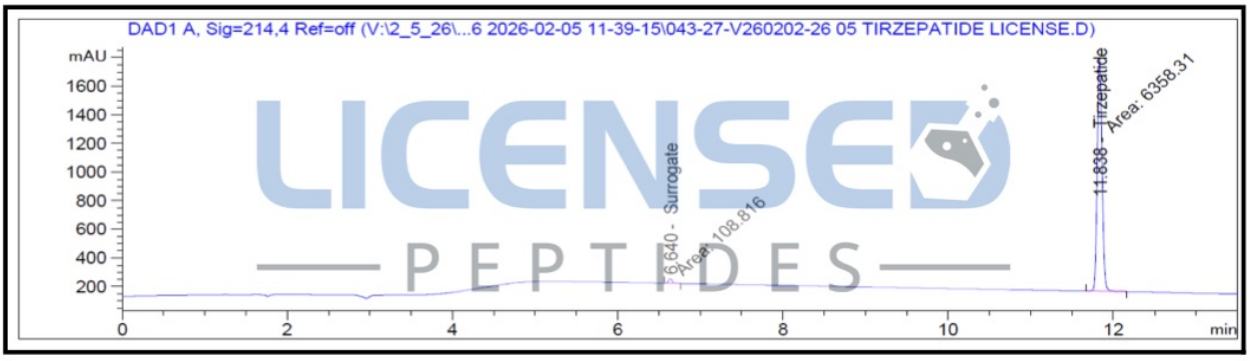
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

GLP-2 T 60 mg

Report To:
Licensed Peptides

Compound: GLP-2 T
Quantity: 60 mg
Laboratory ID: V260202-26 005
Lot Number: LP02202016
Date Reported: 2/20/2026



LICENSED PEPTIDES

Analysis	Method	Result
Chromatographic Purity	HPLC-UV/VIS	>99.80% ± 0.18%
Quantity	HPLC-UV/VIS	57.87 mg
Endotoxins	LAL	Pass - <5.00 EU/mg*
Sterility	USP <71>	Pass - No Growth Detected

*Pass/Fail criteria based on the USP/FDA threshold of 5 EU/kg (350 EU total for a 70 kg adult)

Report By: Dustin Newman, Laboratory Director on 2/20/2026

Approved By: Tori Johnson, Operations Manager on 2/20/2026

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Olympia, Wa 98502
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Certificate of Analysis

GLP-2 T 60 mg

Report To:
Licensed Peptides

Compound: GLP-2 T
Quantity: 60 mg
Laboratory ID: V260202-26 005
Lot Number: LP02202016
Date Reported: 2/20/2026

Analyte	Method	LOQ (ppm)	Result (ppm)
Arsenic (As)	ICP-MS	0.015	0.02
Cadmium (Cd)	ICP-MS	0.015	ND
Lead (Pb)	ICP-MS	0.015	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 260212

LICENSED PEPTIDES

Report By: Dustin Newman, Laboratory Director on 2/20/2026

Approved By: Tori Johnson, Operations Manager on 2/20/2026

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