

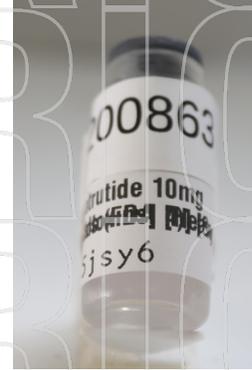
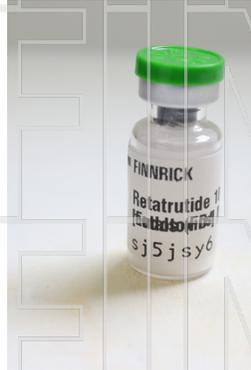
Finnrick Analytics  
 Finnrick.com  
 Austin, TX



**Project** 145051  
**Lab #** 200863  
**Date Rec'd** 2/6/2026  
**Report Issued** 2/22/2026

**Compound** Retatrutide      **Label Claim** 10 mg      **Batch/Lot** sj5jsy6

## Certificate of Analysis



Analyte	Result	Units	LOQ	% of Label	Method	Date	CAS
<b>Peptide Analysis</b>							
Chromatographic purity	99.84	%	0.5		HPLC-UV/MS	2/14/2026	
Retatrutide	9.74	mg	0.5	97.4	HPLC-UV-MS	2/14/2026	2381089-83-2
Retatrutide	ID Confirmed				HPLC-UV-MS	2/14/2026	
<b>Microbiology</b>							
Endotoxins	1.1	EU	0.1		USP 86	2/12/2026	
<b>FDA Critical Metals</b>							
Arsenic	0.29	µg	0.10		USP 233	2/16/2026	7440-38-2
Cadmium	0.044	µg	0.020		USP 233	2/16/2026	7440-43-9
Lead	0.40	µg	0.10		USP 233	2/16/2026	7439-92-1
Mercury	ND	µg	0.020		USP 233	2/16/2026	7439-97-6
<b>Residual Solvents</b>							
Acetone	ND	mg/Kg	200		USP 467	2/13/2026	67-64-1
Acetonitrile	ND	mg/Kg	50		USP 467	2/13/2026	75-05-8
Benzene	ND	mg/Kg	0.2		USP 467	2/13/2026	71-43-2
2-Butanone	ND	mg/Kg	5		USP 467	2/13/2026	78-93-3
Carbon tetrachloride	ND	mg/Kg	0.5		USP 467	2/13/2026	56-23-5
Chlorobenzene	ND	mg/Kg	10		USP 467	2/13/2026	108-90-7

The data presented are from the analysis of the sample shown and meet Krause Analytical internal quality assurance criteria unless otherwise flagged.  
 Methods shown reference current Krause Analytical SOPs  
 ND - Not detected    LOQ - limit of quantification  
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Respectfully submitted,

Mark C. Krause  
 Laboratory Director

8127 Mesa Drive Suite B-206 Austin, TX 78759

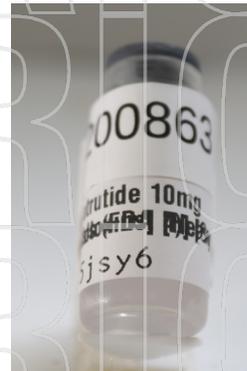
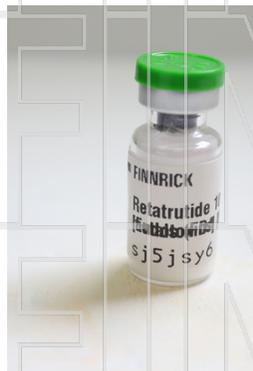
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Chloroform	ND	mg/Kg	10		USP 467	2/13/2026	67-66-3
Cyclohexane	ND	mg/Kg	100		USP 467	2/13/2026	3006-86-8
1,2-Dichloroethane	ND	mg/Kg	1		USP 467	2/13/2026	107-06-2
1,1-Dichloroethene	ND	mg/Kg	1		USP 467	2/13/2026	75-35-4
1,2-Dichloroethenes	ND	mg/Kg	10		USP 467	2/13/2026	540-59-0
Dichloromethane	ND	mg/Kg	50		USP 467	2/13/2026	75-09-2
1,2-Dimethoxyethane	ND	mg/Kg	20		USP 467	2/13/2026	110-71-4
Dimethyl sulfoxide	ND	mg/Kg	200		USP 467	2/13/2026	67-68-5
1,4- Dioxane	ND	mg/Kg	50		USP 467	2/13/2026	123-91-1
Ethanol	ND	mg/Kg	200		USP 467	2/13/2026	64-17-5
Ethyl acetate	ND	mg/Kg	200		USP 467	2/13/2026	141-78-6
Ethylbenzene	ND	mg/Kg	200		USP 467	2/13/2026	100-41-4
Hexanes	ND	mg/Kg	50		USP 467	2/13/2026	110-54-3
Methanol	ND	mg/Kg	100		USP 467	2/13/2026	67-56-1
2-Methoxyethanol	ND	mg/Kg	10		USP 467	2/13/2026	109-86-4
Methyl acetate	ND	mg/Kg	10		USP 467	2/13/2026	79-20-9
Methyl t-butyl ether	ND	mg/Kg	200		USP 467	2/13/2026	1634-04-4
Tetrahydrofuran	ND	mg/Kg	100		USP 467	2/13/2026	109-99-9
Toluene	ND	mg/Kg	50		USP 467	2/13/2026	108-88-3
1,1,1-Trichloroethane	ND	mg/Kg	100		USP 467	2/13/2026	71-55-6

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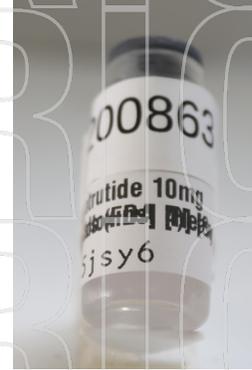
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### Certificate of Analysis



**Analyte**

Trichloroethene  
 Xylenes, total

<u>Result</u>	<u>Units</u>	<u>LOQ</u>	<u>% of Label</u>	<u>Method</u>	<u>Date</u>	<u>CAS</u>
ND	mg/Kg	10		USP 467	2/13/2026	79-01-6
ND	mg/Kg	100		USP 467	2/13/2026	1330-20-7

Safer.

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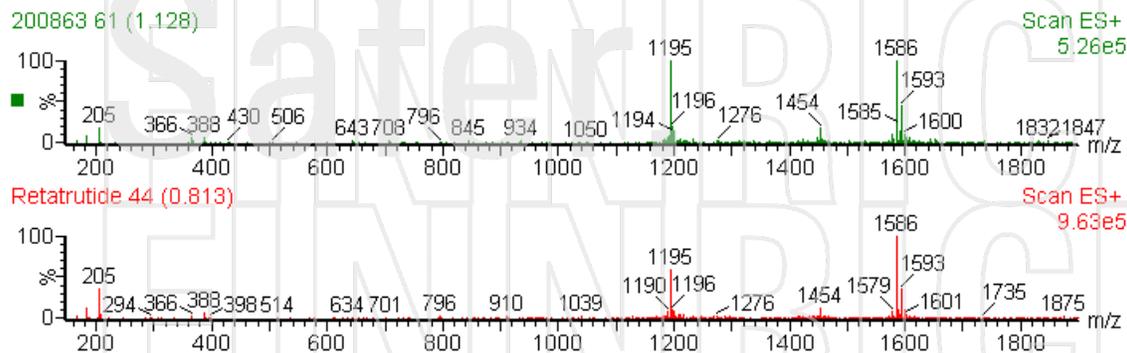
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### Chromatogram

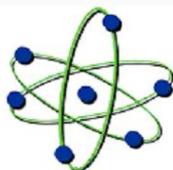
Response\_



### Mass spectrum/Reference Spectrum



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## Methods Summary

### Purity/Potency/Identification

#### USP/NF 621

- 2 mL of purified water is added to the lyophilized powder in the vial, and the contents mixed to dissolve the lyophilized powder.
- An aliquot is taken from the vial and diluted to contain approximately 500 mg/L of the peptide.
- The diluted sample is analyzed by HPLC-UV-MS.
- The mass spectrum obtained is compared to an authentic standard of the peptide for identification.
- The total area of all of the peaks in the chromatogram is calculated, and the area of the peak of the peptide is divided by the total area to obtain the chromatographic purity value, reported in percent.
- The area of the peptide is compared to the area of the peptide peak in the known standard to obtain a concentration in the solution. This concentration is used to calculate the total mass of peptide in the vial, which is compared to the stated mass (label claim) and reported as both total mass in the vial and as a percent of the label claim.

### Endotoxins

#### USP/NF 85

- 2 mL of purified water is added to the lyophilized powder in the vial, and the contents mixed to dissolve the lyophilized powder.
- An aliquot is taken from the vial and diluted in endotoxin-free water.
- The diluted sample is analyzed for endotoxins using the LAL method.

### Metals

#### USP/NF 233

- 2 mL of purified water is added to the lyophilized powder in the vial, and the contents mixed to dissolve the lyophilized powder.
- An aliquot is taken from the vial and diluted in deionized water.
- The diluted aliquot is analyzed against known standards by ICP-MS

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