

Certificate of Analysis



Client:
Path Peptides

Laboratory:
TrustPointe Analytics LLC
1743 142nd Ave Suite 4
Dorr, MI 49323



Verify at TrustPointeLIMS.com
Key=AMLZSKLFB927

Sample Information

Sample Name	Mazdutide 10mg 1 vial	Client SID	Maz 10mg	Published	2025-07-21 10:18
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Results

Sample ID	SPL-1353
TM-1010 Coelution Control	1000
TM-1010 Mazdutide Assay	12.480 mg
TM-1010 Mazdutide ID by RT	0.99
TM-1010 Mazdutide ID by Spectral	1000
TM-1010 Mazdutide Purity	99.902 %
TM-1010 System Suitability	0.4 %RSD

Approvals

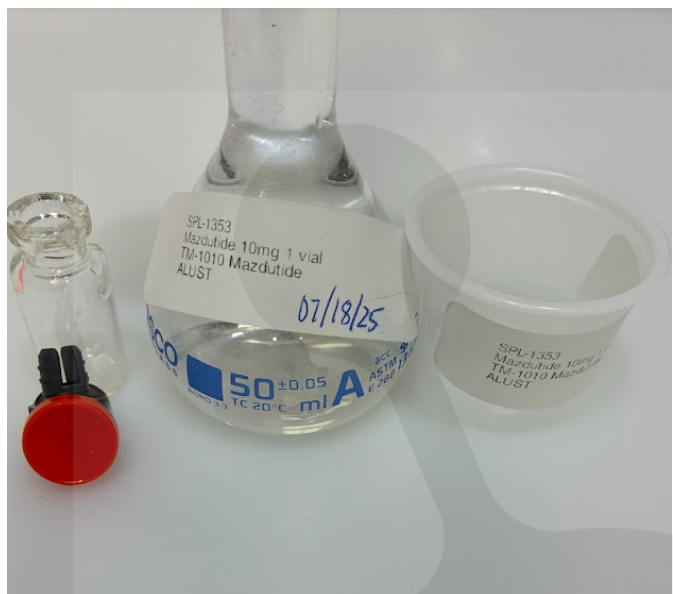
Created by

Ashlee Lust
President

Reviewed by

Joshua Lust
Managing Director

Attachments for SPL-1353



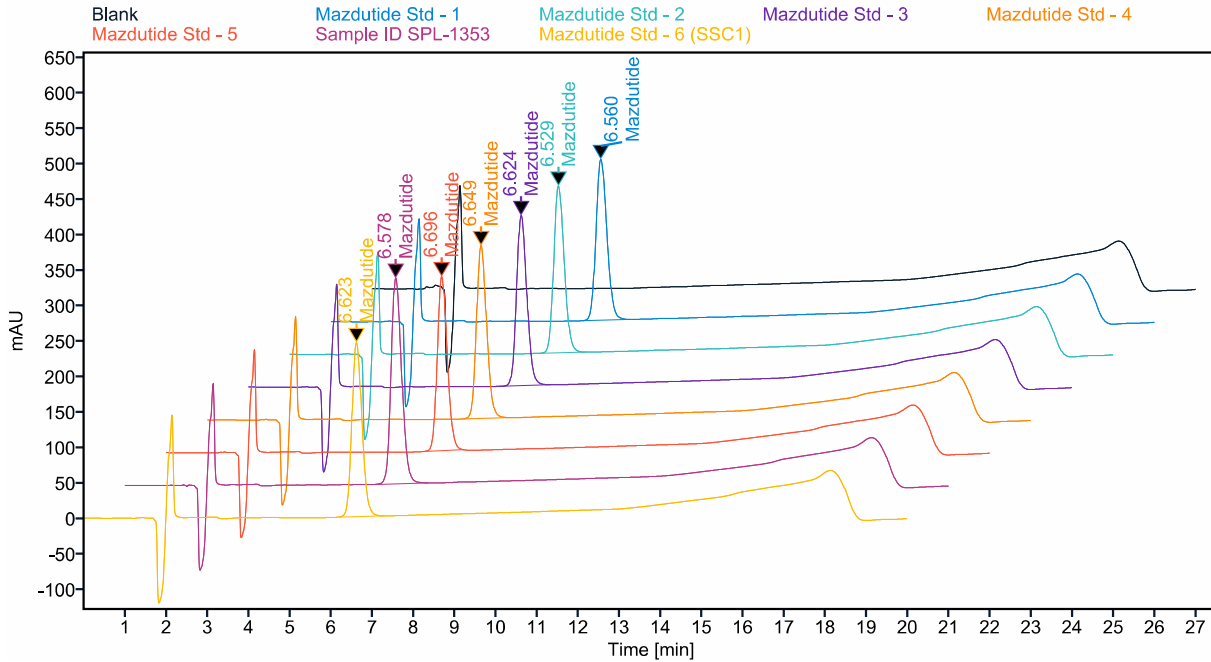
Attachment for SPL-1353
Filename: SPL-1353.png

Sample Potency and ID Report

Sequence Name 1010_hmp_071825

Sequence Acquired Date 2025-07-18 11:14:24-04:00

Overlay Chromatogram



Potency and ID Results

Sample Name	Name	RT	Area	Multiplier	Amount	Unit	UV Match Factor	Peak Purity
Mazdutide Std - 1	Mazdutide	6.560	4191.3	1;1;1;1;1	20.19	%	1000	1000
Mazdutide Std - 2	Mazdutide	6.529	4182.1	1;1;1;1;1	20.15	%	1000	1000
Mazdutide Std - 3	Mazdutide	6.624	4199.6	1;1;1;1;1	20.23	%	1000	1000
Mazdutide Std - 4	Mazdutide	6.649	4191.3	1;1;1;1;1	20.19	%	1000	1000
Mazdutide Std - 5	Mazdutide	6.696	4161.8	1;1;1;1;1	20.05	%	1000	1000
Sample ID SPL-1353	Mazdutide	6.578	5181.4	5;1;1;1;1	124.80	%	1000	1000
Mazdutide Std - 6 (SSC1)	Mazdutide	6.623	4207.3	1;1;1;1;1	20.27	%	1000	1000

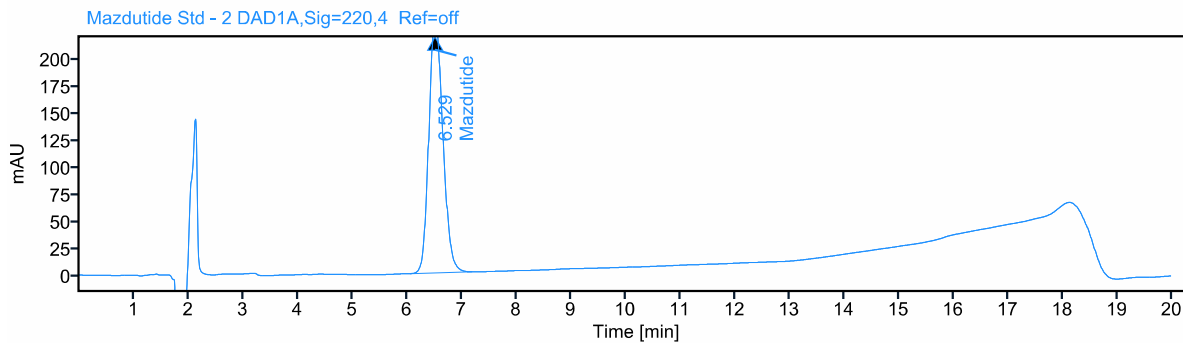
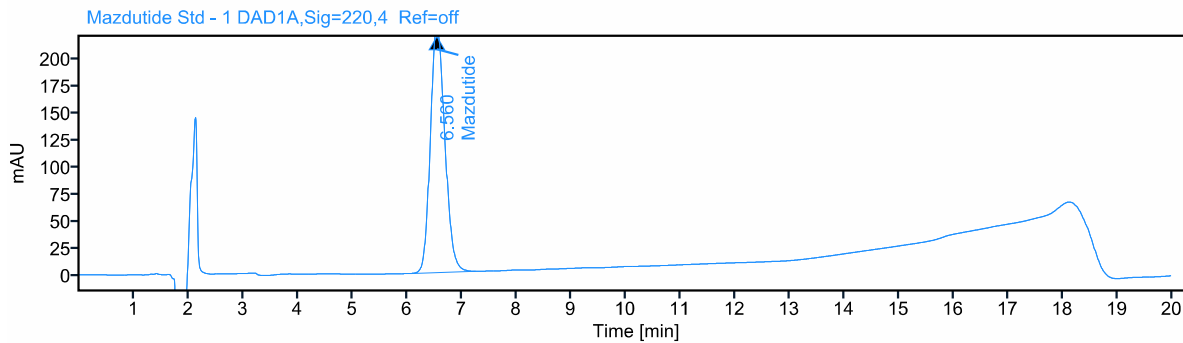
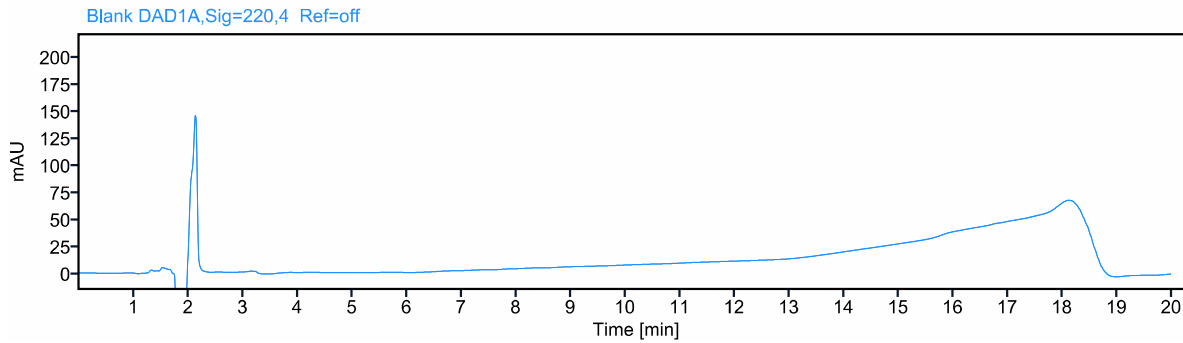
Purity Results

Sample Name	Name	RT	Area	Peak Area Percent
Mazdutide Std - 1	Mazdutide	6.560	4191.3	100.000
Mazdutide Std - 2	Mazdutide	6.529	4182.1	100.000

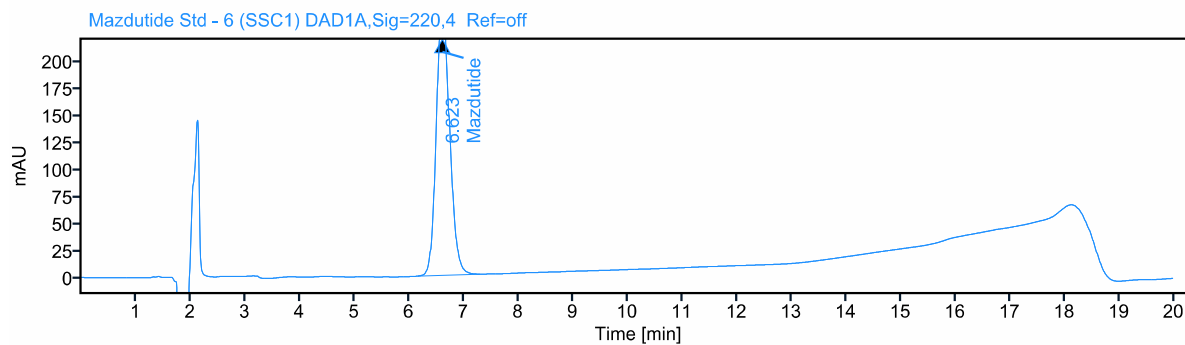
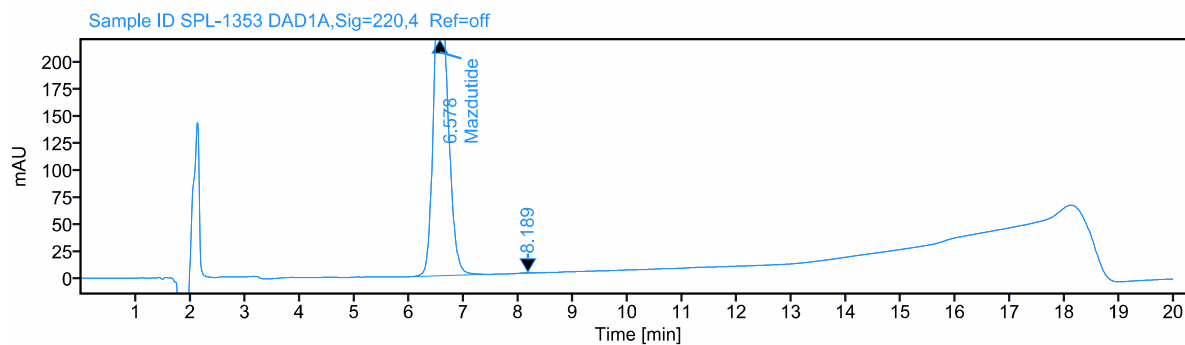
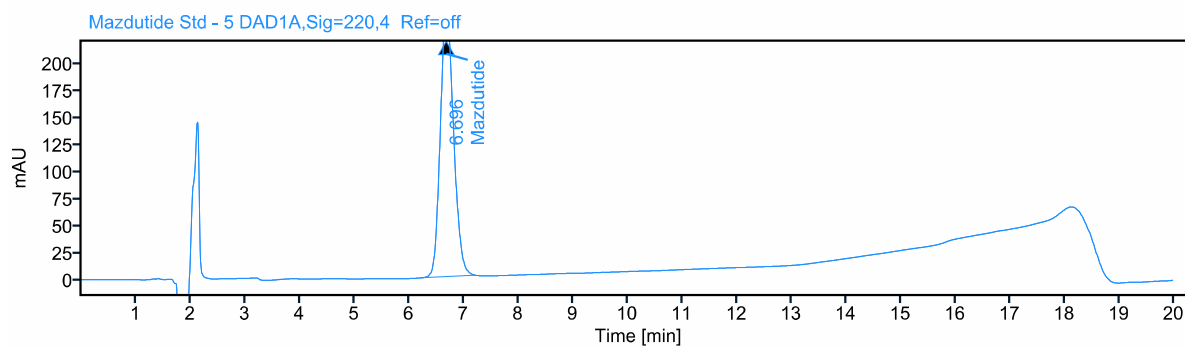
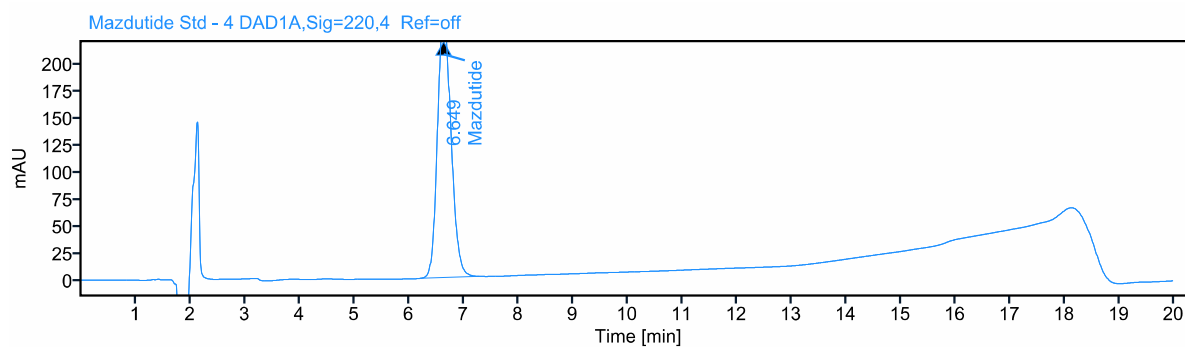
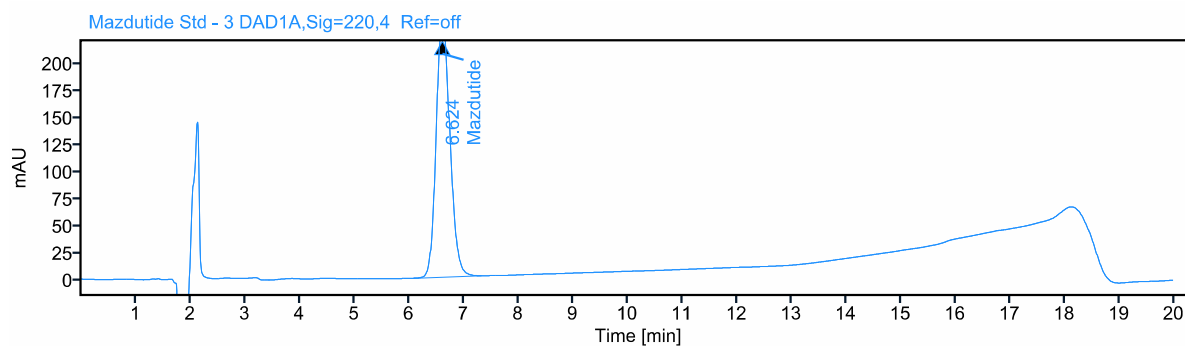
Sample Potency and ID Report

Sample Name	Name	RT	Area	Peak Area Percent
Mazdutide Std - 3	Mazdutide	6.624	4199.6	100.000
Mazdutide Std - 4	Mazdutide	6.649	4191.3	100.000
Mazdutide Std - 5	Mazdutide	6.696	4161.8	100.000
Sample ID SPL-1353	Mazdutide	6.578	5181.4	99.902
Sample ID SPL-1353		8.189	5.1	0.098
Mazdutide Std - 6 (SSC1)	Mazdutide	6.623	4207.3	100.000

Individual Chromatograms



Sample Potency and ID Report



Sample Potency and ID Report

Processing Method Parameters

Name	Standard Factor (%)	Void Volume (min):	2.116
Mazdutide	20.160450	Injection Volume (uL)	20
	20.160450		
	20.160450		
	20.160450		

Injection Sequence

Sample Name	Vial #	Multiplier	Instrument Method	Instrument Name
Blank	100	1.00000	1010_Locked_LinesAandB_20min_all injections.amx	Romulus
Mazdutide Std - 1	11	1.00000	1010_Locked_LinesAandB_20min_all injections.amx	Romulus
Mazdutide Std - 2	11	1.00000	1010_Locked_LinesAandB_20min_all injections.amx	Romulus
Mazdutide Std - 3	11	1.00000	1010_Locked_LinesAandB_20min_all injections.amx	Romulus
Mazdutide Std - 4	11	1.00000	1010_Locked_LinesAandB_20min_all injections.amx	Romulus
Mazdutide Std - 5	11	1.00000	1010_Locked_LinesAandB_20min_all injections.amx	Romulus
Sample ID SPL-1353	12	5.00000	1010_Locked_LinesAandB_20min_all injections.amx	Romulus
Mazdutide Std - 6 (SSC1)	11	1.00000	1010_Locked_LinesAandB_20min_all injections.amx	Romulus

UV Spectra

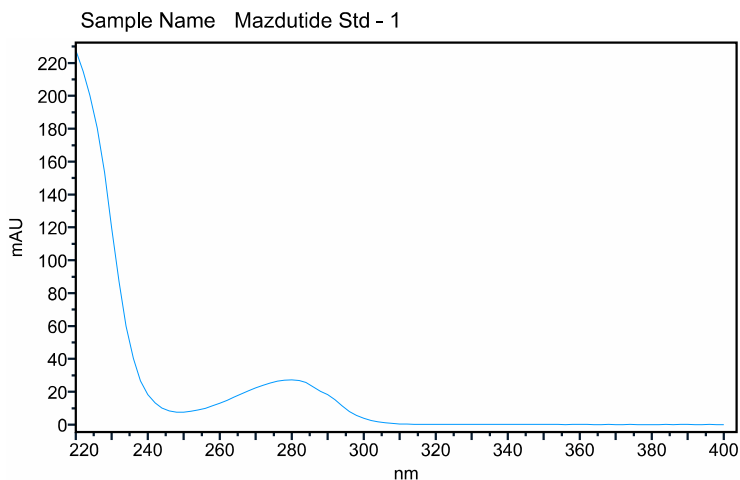
UV Match Spectra

RT:

6.56

Compound Name:

Mazdutide



Compound Spectra Confirm Result Confirmed

Sample Potency and ID Report

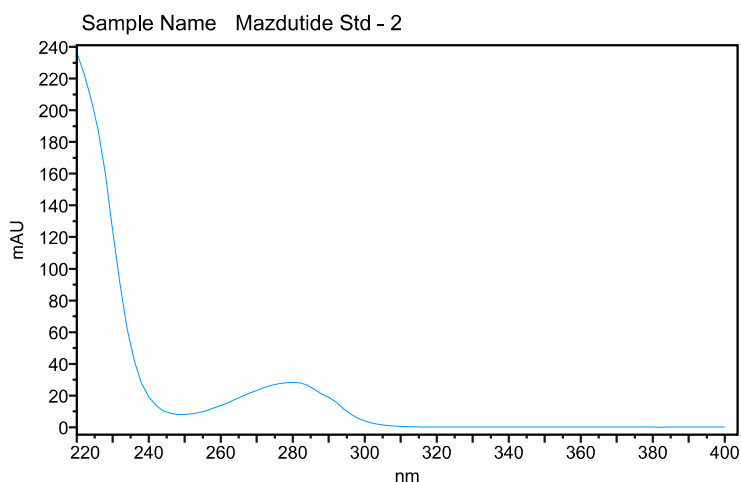
UV Match Spectra

RT:

6.529

Compound Name:

Mazdutide



Compound Spectra Confirm Result Confirmed

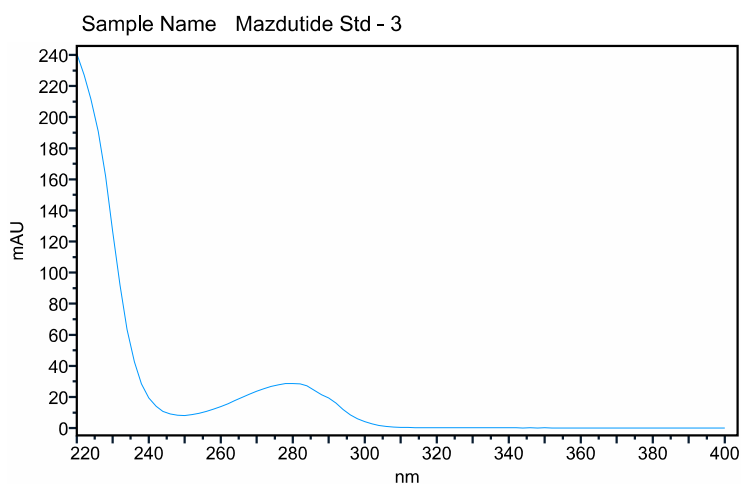
UV Match Spectra

RT:

6.624

Compound Name:

Mazdutide



Compound Spectra Confirm Result Confirmed

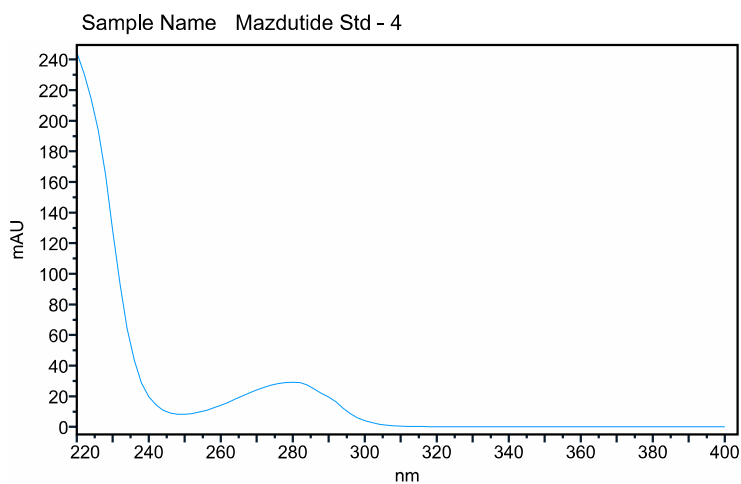
UV Match Spectra

RT:

6.649

Compound Name:

Mazdutide



Compound Spectra Confirm Result Confirmed

Sample Potency and ID Report

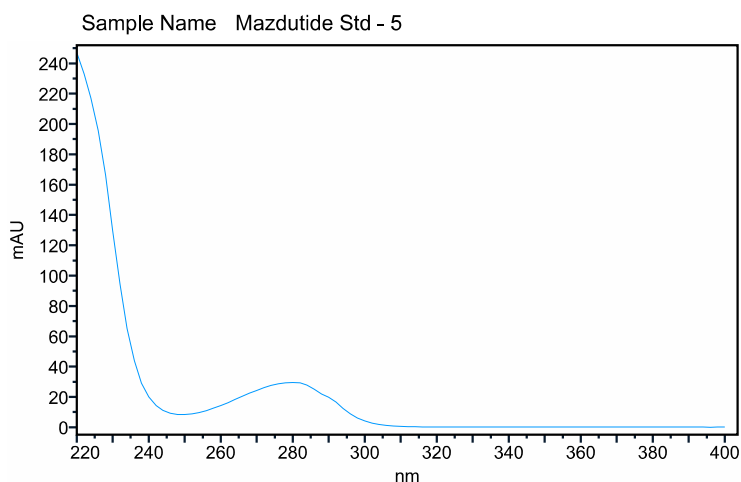
UV Match Spectra

RT:

6.696

Compound Name:

Mazdutide



Compound Spectra Confirm Result Confirmed

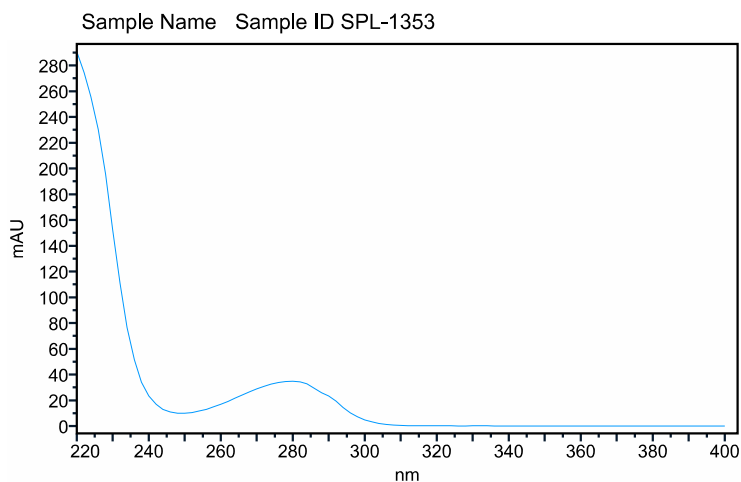
UV Match Spectra

RT:

6.578

Compound Name:

Mazdutide



Compound Spectra Confirm Result Confirmed

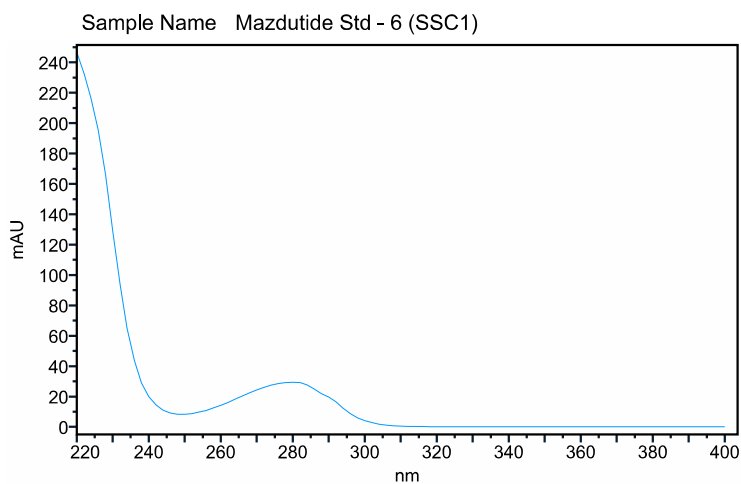
UV Match Spectra

RT:

6.623

Compound Name:

Mazdutide



Compound Spectra Confirm Result Confirmed