



CERTIFICATE NO.	LAB SAMPLE ID	ISSUE DATE	REPORT STATUS
COA-2026-00325	20260900257-20260900258	27 Sep 2026	FINAL

01 CLIENT & PRODUCT INFORMATION

Client organization	Bulk Peptide Supply	Client contact	support@bulkpeptidesupply.com
Product name	Mazdutide	Client lot / batch	MZ10-BP-081526
Label claim	10 mg	Lab sample ID	20260900257-258
Sample matrix	Lyophilized	Quantity received	2
Container / closure	Clear vial w/ white cap	Condition on receipt	Intact
Date received	23 Sep 2026	Testing period	25 Sep 2026
Storage condition	Ambient	Route / intended use	RUO

02 ANALYTICAL TEST RESULTS | Purity, identification and net content

Analysis	Method / SOP	Instrumentation	Result	Units	Acceptance criterion	Status
Purity	UPLC-UV	Acquity UPLC/PDA	99.80 AVG	% area	>99%	PASS
Identification	UPLC-MS	Waters Quattro Series	Conforms	—	Ionization profile match w/standard	PASS
Net content	Quantitative UPLC	Acquity UPLC/PDA	20260900257 - 10.97 20260900258 - 10.19	mg/vial	±10%	PASS

03

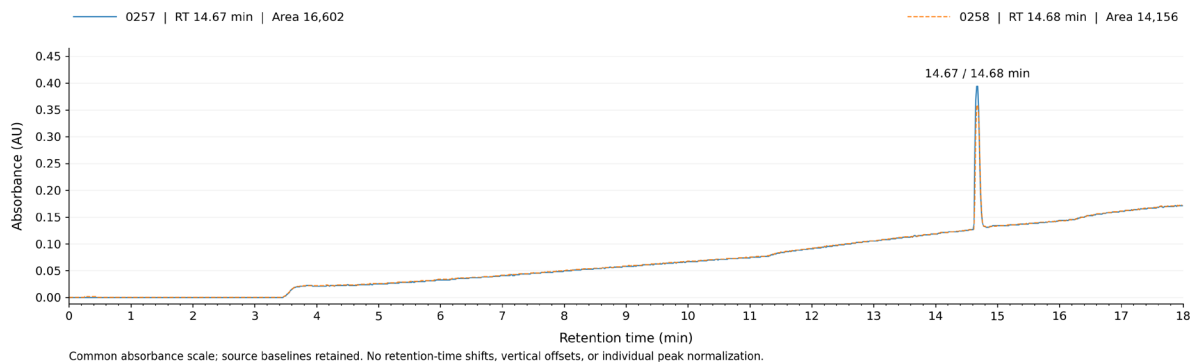
SUPPORTING ANALYTICAL EVIDENCE |



PRODUCT AS RECEIVED

Mazdutide 10 mg | 0257-0258

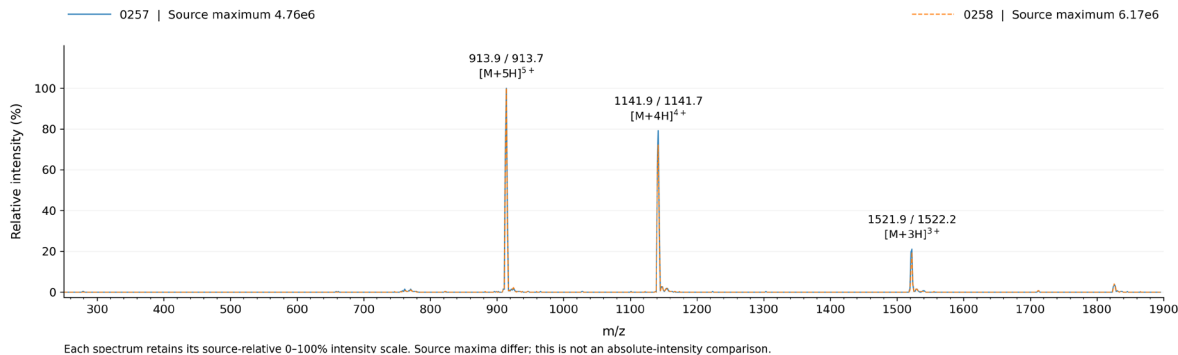
UV chromatogram overlay | 214 nm



UV CHROMATOGRAM

Mazdutide 10 mg | 0257-0258

Mass spectrum overlay | ESI+



MASS SPECTRUM / SPECTRA



04 ENDOTOXIN ANALYSIS | Recombinant Factor C (rFC) fluorescence assay

Method	Recombinant Factor-c	Instrument / asset ID	Molecular Devices Gemini XPS
Assay / reagent	bioMerieux EndoZyme II	Standard	Kit-integrated
Sample preparation	Reconstitution in Endotoxin Free Water	Run / plate ID	0925P2-AVQC20260900257-20260900258
Product limit	0.5 EU/mL (AV Analytics applies 2x USP limit for H2O, no USP endotoxin limit applies to RUO products)	Maximum valid dilution	1:100

Parameter	Result	Acceptance criterion	Units	Status
Endotoxin	0257 - 0.12 0258 - 0.16	<0.5	EU/mL	PASS
Positive product control recovery	88 96	50-200	%	PASS
Negative control	Non-Detect	<0.005	EU/mL	PASS
Standard curve / assay validity	.98	Correlation factor >0.94	R ²	PASS

05 AUTHORIZATION | Review, decision rule and release

Analyst	Jason Snitker	Technical reviewer	Vanessa Montoya, PhD
Authorized signatory	Vanessa Montoya, PhD	Decision rule	Document complete, fields correct, analysis reviewed
Deviations / qualifiers	None	Amendment history	NA

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