AV ANALYTICS
Analytical Precision - Operational Excellence
INDEPENDENT ANALYTICAL LABORATORY

CERTIFICATE OF ANALYSIS

Analytical results | Controlled laboratory report

CERTIFICATE NO.	LAB SAMPLE ID	ISSUE DATE	REPORT STATUS
COA-2026-0144	*20260800265*	*31 AUG 2026*	*FINAL*

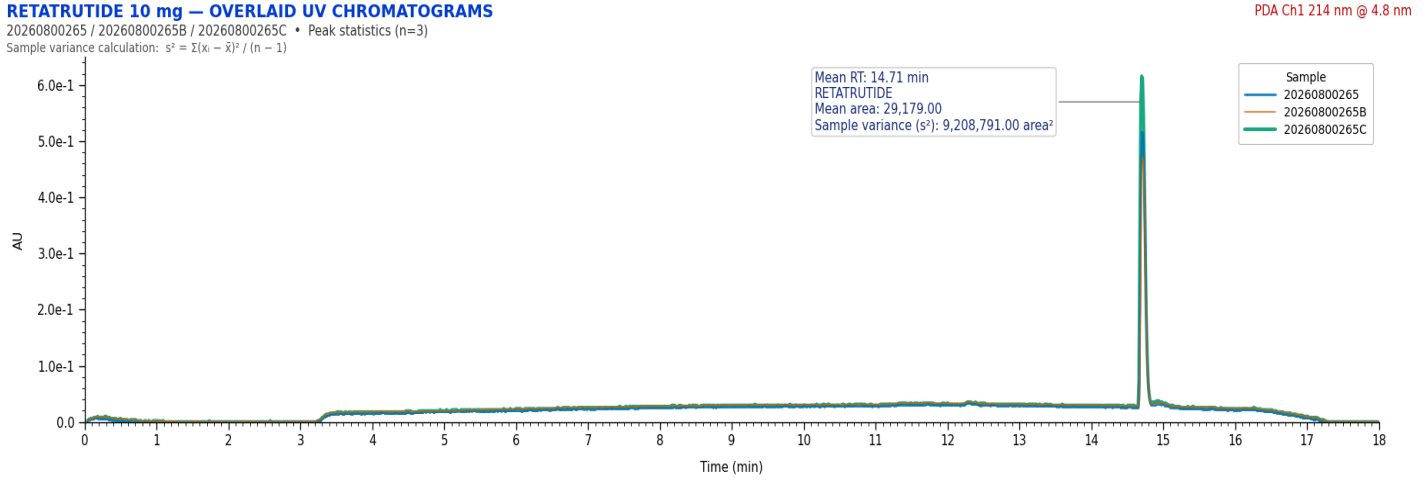
01 CLIENT & PRODUCT INFORMATION

Client organization	*Purity Peptides*	**Client contact**	*support@puritypeptides.is*
Product name	*Retatrutide*	**Client lot / batch**	*RET0820261148*
Label claim	*10mg*	**Lab sample ID**	*20260800265 (A, B, C)*
Sample matrix	*Lyophilized*	**Quantity received**	*3*
Container / closure	*Vial w/Crimp*	**Condition on receipt**	*Intact*
Date received	*25 Aug 2026*	**Testing period**	*28 Aug 2026*
Storage condition	*Ambient*	**Route / intended use**	*RUO*

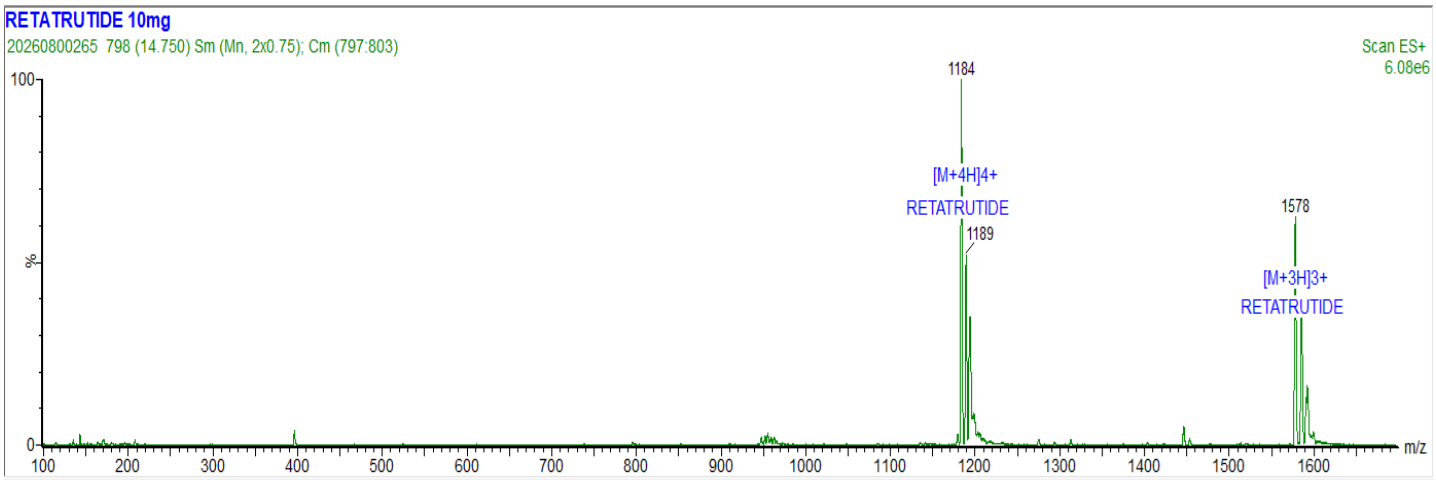
02 ANALYTICAL TEST RESULTS | Purity, identification and net content

Analysis	Method / SOP	Instrumentation	Result	Units	Acceptance criterion	Status
Purity (Average purity calculated from 3 vials)	*UPLC-UV*	*Acquity UPLC/PDA*	*99.79 AVG*	*% area*	*>99%*	*PASS*
Identification	*UPLC-MS*	*Waters Quattro Series*	*Conforms*	—	*Ionization profile match w/standard across all vials tested*	*PASS*
Net content	*Quantitative UPLC*	*Acquity UPLC/PDA*	*Vial 1 – 10.16* *Vial 2 – 10.07* *Vial 3- 10.35*	*mg/vial*	*±10%*	*PASS*

03 SUPPORTING ANALYTICAL EVIDENCE



UV CHROMATOGRAM



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**	*0828P1-AVQC20260800265*
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	*Vial 1 0.17 Vial 2 0.26 Vial 3 0.33*	*<0.5*	*EU/mL*	*PASS*
Positive product control recovery	*94*	*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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