Important Notice: Snap-8 (Acetyl Octapeptide-3) Batch LOT-2026-JSNP8

We believe in complete transparency regarding our independent third-party testing. When viewing the PeptideVerify certificate for our current Snap-8 batch (LOT-2026-JSNP8), you will see a specific laboratory quality control note regarding its mass. Here is a quick scientific explanation of those results:

- **Exceptional Purity:** The HPLC analysis confirms this batch is highly pure at 98.4%, demonstrating a single, clean peak.
- **The Automated Lab Note:** The testing laboratory software expected a molecular weight of 1075.2 Da. However, the detected weight was fractionally lighter at 1074.9 Da. This microscopic difference triggered an automated -270 ppm mass error note from the laboratory software.
- **Why it is Confirmed:** A difference of just 0.3 Daltons is incredibly small. In mass spectrometry, this minute variance is completely normal and is typically caused by standard instrument calibration limits or the software reading naturally occurring isotopes. Because this result is perfectly within normal real-world analytical expectations, the human chemist manually approved the test, officially marking the Mass Spectrometry (MS) Verification as "✓ **Confirmed**".

This slight mathematical variance simply reflects normal laboratory testing tolerances. You can proceed with your research knowing the batch's identity is fully verified and its purity is exceptional.

The Hidden Dangers of Unverified Peptides The research compound industry is unfortunately flooded with fabricated test results, in-house documents with obvious bias, and generic "specification sheets" disguised as actual batch tests.

Using unverified or cheaply manufactured peptides does not just ruin expensive experiments—it introduces severe safety risks to your laboratory environment. Unregulated synthesis often leaves behind dangerous residues, including toxic chemical solvents, heavy metals, and unknown biological byproducts. Introducing these hazardous, unknown variables into any sensitive biological assay or research subject can yield disastrous and unpredictable consequences.

At Amino Peptides Ltd, we believe researchers deserve absolute safety and certainty. A compromised peptide is never worth the risk.

Protect Your Research: Red Flags and Green Flags We have created a comprehensive guide on how to verify laboratory data, teaching you exactly how to spot fake C.O.A.s and identify the critical "Red and Green Flags" before purchasing from *any* supplier.

Learn how to verify your data and stay safe here: https://aminopeptides.co.uk/coas/

Link to original independent test https://www.peptideverify.co.uk/verify/PV-F21A6E-SZKC-29

PeptideVerify | Certificate of Analysis

INDEPENDENT THIRD-PARTY PEPTIDE VERIFICATION

PREMIUM

Report PV-F21A6E-SZKC-29

CERTIFICATE ID	ISSUE DATE	BATCH/LOT	CUSTOMER
PV-F21A6E-SZKC-29	09/03/2026	LOT-2026-JSNP8	Amino Peptides Ltd
SAMPLE DESCRIPTION	**EXPECTED MW**	**ANALYSIS DATE**	**INSTRUMENT**
Snap-8 (Acetyl Octapeptide-3)	1075.2 Da	05/03/2026 10:15	LCMS Line 1

VERIFICATION SUMMARY

Purity (HPLC)

98.4%

Single peak (PPI)

Mass Match

Expected MW:	1075.2 Da
Detected MW:	1074.9 Da
Error:	-270 ppm

MW calculated from m/z 538.45 $[M+2H]^{2+}$

ANALYTICAL RESULTS

VERIFIED PURITY

98.4%

HPLC Analysis · Single Peak

MAIN PEAK

#1 @ 5.728 min

TOTAL PEAKS

1

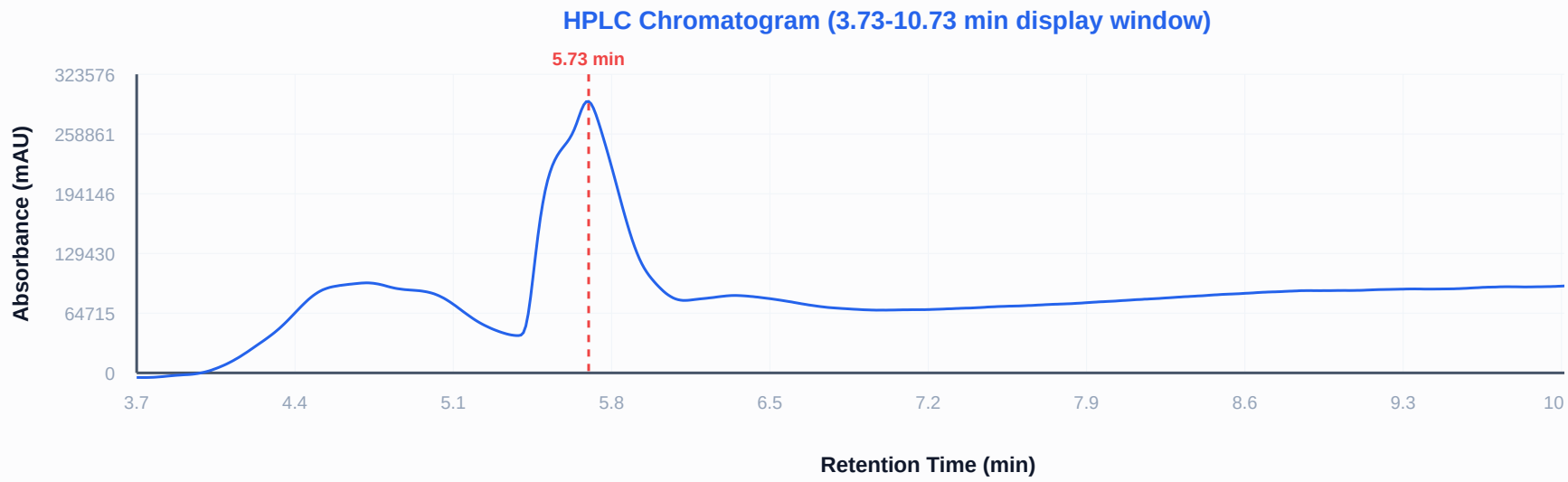
MS VERIFICATION

✓ Confirmed

DETECTION

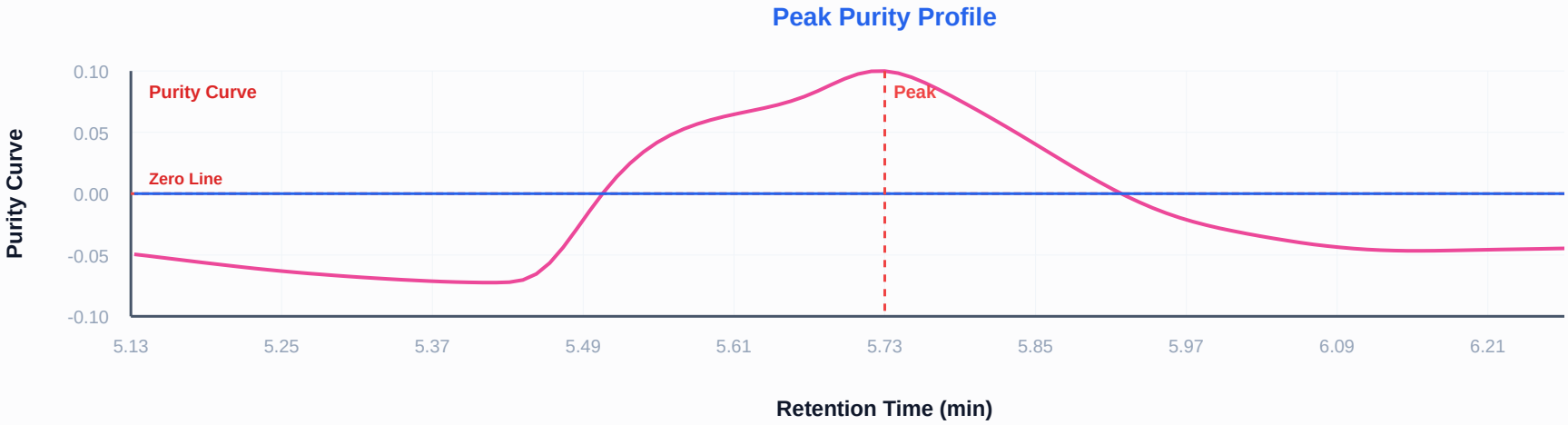
215 nm (±4)

HPLC CHROMATOGRAM



Detection: 215 nm (±4 nm)

PEAK PURITY PROFILE



PEAK INTEGRATION DATA

PEAK #	RETENTION (MIN)	AREA	HEIGHT	AREA %	WIDTH (MIN)	RESOLUTION (RS)	TAILING	PLATES (N)
1	5.728	6,356,189	N/A	100.00%	—	—	2.22	1,591

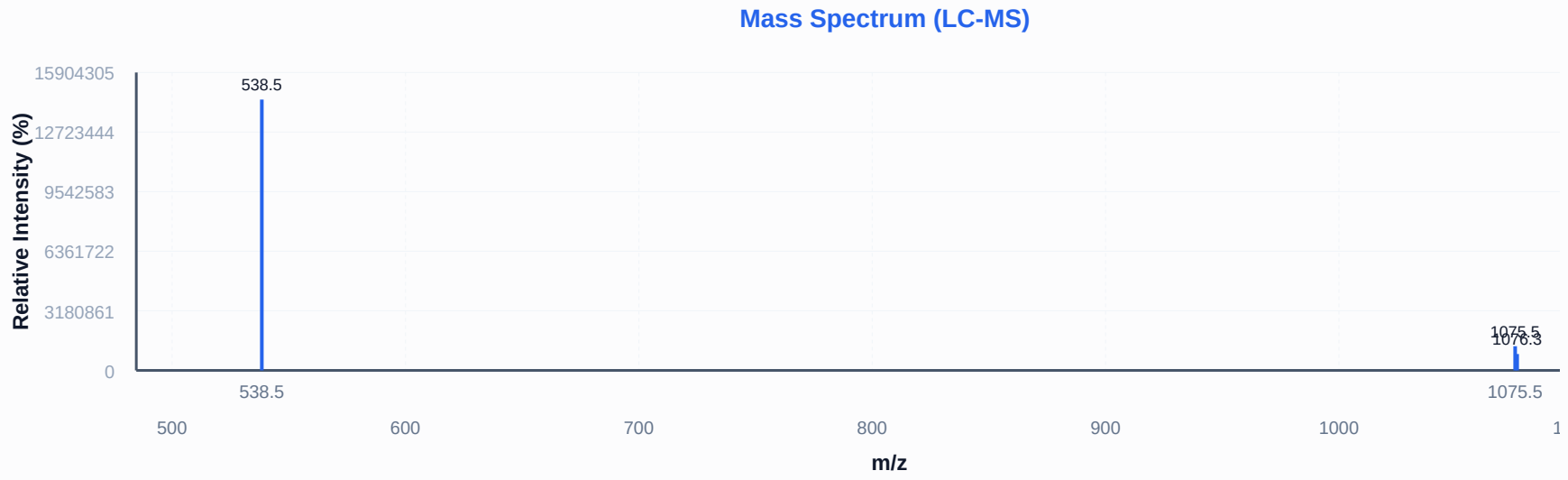
Resolution color-coded: Green (Rs≥2.0 or N/A for single peak), Yellow (Rs≥1.0), Red (Rs<1.0). Values calculated from instrument data or derived from peak widths (USP <621>).

MASS SPECTROMETRY ANALYSIS (ESI+)

EXPECTED MW	DETECTED MW	MASS MATCH	BASE PEAK
1075.2 Da	1074.9 Da	-270 ppm	m/z 538.45

Predicted charge states:

`z=2+ → m/z 538.60` `z=3+ → m/z 359.40` `z=4+ → m/z 269.80` `z=5+ → m/z 216.05` `z=6+ → m/z 180.21`



DETECTED M/Z	ASSIGNMENT	INTENSITY	RELATIVE %
538.45	$[M+2H]^{2+}$	14,458,459	100.0%
1075.50	—	1,291,157	8.9%
1076.35	$[M+H]^{+}$	874,364	6.0%

QUALITY CONTROL NOTES

Mass error -270 ppm exceeds typical tolerance. Review recommended.

METHOD INFORMATION

Instrument	LCMS Line 1
Software	LabSolutions 5.97
Analyst	System Administrator
Method	HPLC-MS
Detection	215 nm (±4 nm)
MS Ionization	Electrospray (ESI+)

ANALYST NOTES

Lab Observations: Form: Lyophilized powder Color: White Condition: As expected - no issues

Purity Calculation Method: Purity is calculated in accordance with laboratory practice. Where a single chromatographic peak is present, purity is derived from the Peak Purity Index (PPI) — a measure of spectral homogeneity. Where multiple peaks are detected, purity is calculated as the chromatographic area percentage of the main peak multiplied by its Peak Purity Index (Area% × PPI).

CERTIFICATE VERIFICATION

INDEPENDENTLY VERIFIED

peptideverify.co.uk/verify/PV-F21A6E-SZKC-29

Scan QR code or visit the URL above to verify this certificate's authenticity and view detailed analysis data.

IMPORTANT NOTE

Sample Composition reflects UV-detectable compounds only. Non-UV excipients (mannitol, sugars, salts) are not measured by this method.

PeptideVerify — Independent Third-Party Peptide Verification

Analysis performed under controlled laboratory conditions by GLP-compliant analytical facilities.

Certificate ID: PV-F21A6E-SZKC-29 | Batch/Lot: LOT-2026-JSNP8 | Customer: Amino Peptides Ltd | Generated: 09 Mar 2026, 22:46