TEST REPORT

111l-0
JANOSHIK

E-mail: info@janoshik.com
Web: www.janoshik.com

Task Number #237164

Testing ordered > 22 SEP '26
Sample received > 06 OCT '26

Client SPEPS/group
Sample Ipamorelin 10mg
Manufacturer SPEPS/group
Batch Unknown

Sample description >

See picture or pictures attached.

Tests requested >

Ipamorelin analysis

Results >

Ipamorelin	11.52 mg
Purity	99.644%

Comments>

Analysis conducted > 07 OCT 2026

Signature>



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Task Number #237166

Testing ordered > 22 SEP '26
Sample received > 06 OCT '26

Client SPEPS/group
Sample Ipamorelin 10mg
Manufacturer SPEPS/group
Batch

Sample description >

See picture or pictures attached.

Tests requested >

LCMS Screening For Peptide Contamination

Results >

LCMS screening	

Comments>

LCMS analysis identified the presence of mannitol and ipamorelin. LCMS spectra are attached. No significant contamination detected.

Analysis conducted > 08 OCT 2026

Signature>



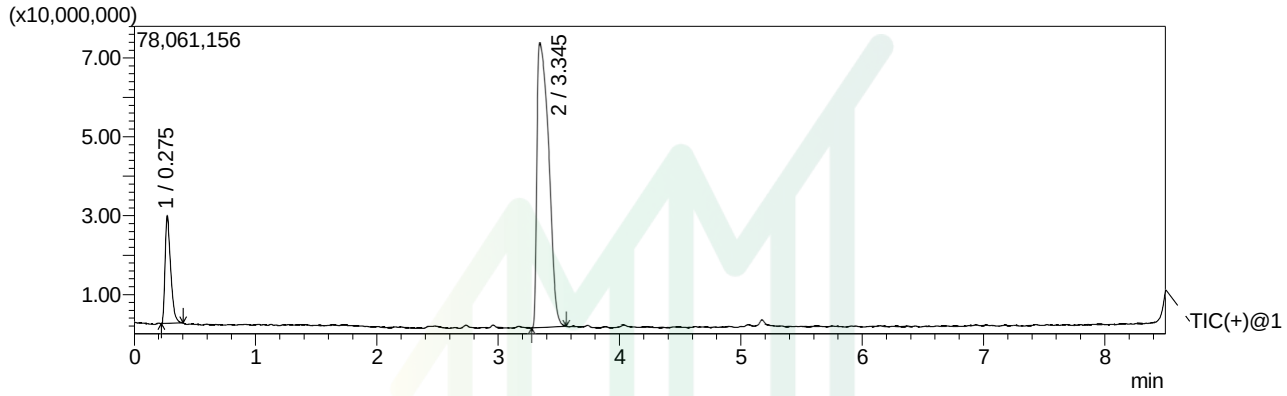
SHIMADZU
LabSolutions

Analysis Report

<Sample Information>

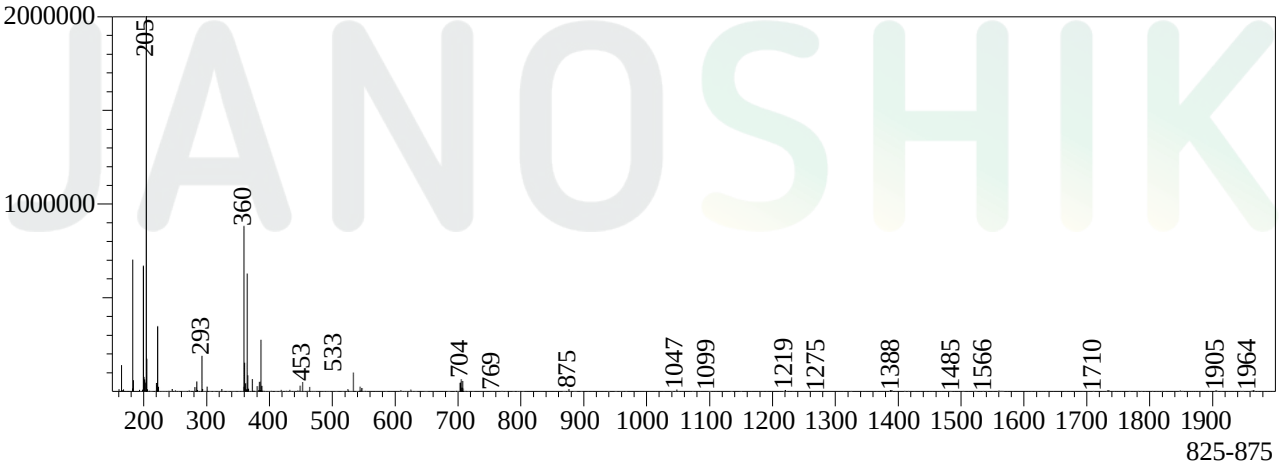
Sample Name : 31995-3 Ipamorelin 10mg,LCMS scr.+HM Sample ID 006
Data Filename : 31995-3 Ipamorelin 10mg,LCMS scr.+HM_006_LCMS screening_006.lcd Method Filename : LCMS screening.lcm
Batch Filename : 20261006-8+shutdown.lcb
Vial # : 3-3 Sample Type : Unknown
Injection Volume : 0.1 uL
Date Acquired : 06/10/2026 15:52:08 Acquired by : System
Administrator Date Processed : 06/10/2026 16:00:39 Processed by : System Administrator

<Chromatogram>

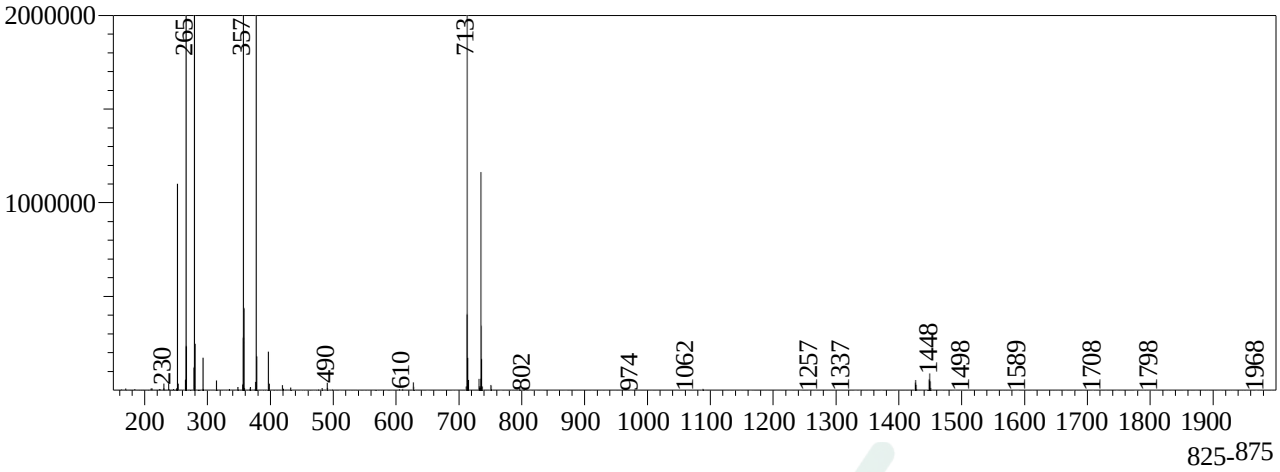


MS Spectrum

Peak#:1 R.Time:0.275(Scan#:111)
MassPeaks:700
Spectrum Mode:Averaged 0.225-0.405(91-163) BG Mode:Calc Segment 1 - Event 1



Peak#:2 R.Time:3.345(Scan#:1339)
MassPeaks:785
Spectrum Mode:Averaged 3.278-3.563(1312-1426)
BG Mode:Calc Segment 1 - Event 1



LC-MS Screening Summary

Ipamorelin-related sample | Sample 31995-3

Client-facing analytical summary

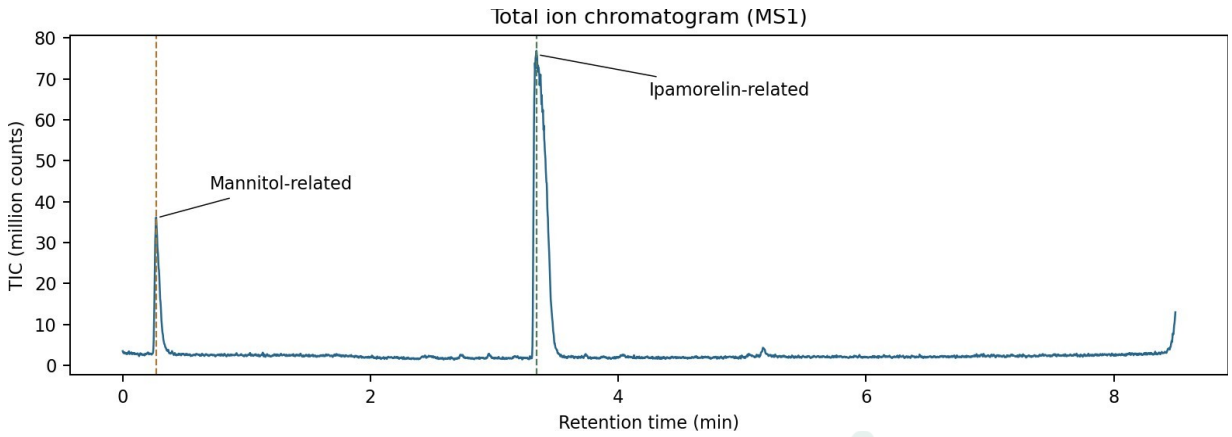
Summary

LC-MS screening shows an early mannitol-related peak at approximately RT 0.270 min and a dominant peptide-related chromatographic feature near RT 3.34 min. The latter contains prominent ions near m/z
712.70 and 356.75, consistent with the expected singly and doubly charged ions of ipamorelin. This assignment is supported by the co-eluting ion pattern but remains provisional at the resolution of this screening analysis.

Parameter	Observation
Analysis	LC-MS screening, positive-ion MS1
Sample	31995-3 Ipamorelin 10 mg
Mannitol-related region	Approx. RT 0.270 min
Main peptide-related region	Approx. RT 3.34-3.38 min
Representative spectrum	RT 3.340 min
Prominent ions	m/z 712.70 (1+), 356.75 (2+); additional ions near m/z 734.60 and 377.20
Reference comparison	Ipamorelin neutral monoisotopic mass approx. 711.40 Da; expected [M+H]+ approx. 712.41 and [M+2H]2+ approx. 356.71
Overall assessment	Ipamorelin-related material detected; provisional MS1 assignment

Chromatographic profile

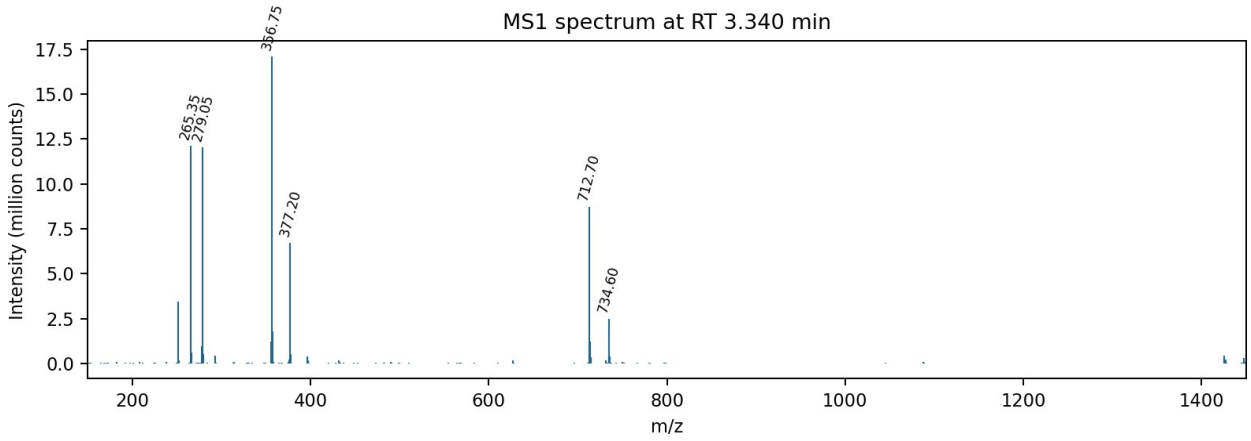
Figure 1. MS1 total ion chromatogram (TIC). The early peak is mannitol-related; the principal ipamorelin-related feature occurs near 3.34 min.



Chromatographic comment. The early peak at approximately RT 0.270 min contains m/z 204.70 and 182.80, compatible at nominal mass resolution with mannitol-related ions. A distinct dominant later peak near RT 3.34-3.38 min exhibits signals in the expected ipamorelin ion region. The TIC is qualitative and should not be interpreted as a chromatographic purity determination.

Mass spectrum of the principal region

Figure 2. Representative positive-ion MS1 spectrum at RT 3.340 min, showing ions in the ipamorelin mass region.



Interpretation

• The prominent ions near m/z 712.70 and 356.75 are consistent with the 1+ and 2+ charge states of ipamorelin-related material, respectively.

• Additional signals near m/z 734.60 and 377.20 are present; their identities are not established by this screening spectrum. Exact mass and structural identity are not definitively established by nominal-resolution MS1 data alone.

• The early peak at RT 0.270 min is consistent with mannitol-related material, including m/z 204.70. This is a qualitative assignment, not a quantitative determination.

Conclusion

LC-MS screening result: ipamorelin-related material detected, with a dominant chromatographic feature near RT 3.34 min and ions consistent with the expected charge states. Definitive intact-mass identity and quantitative purity confirmation would require a suitable higher-resolution/deconvoluted LC-MS method and, where applicable, orthogonal purity testing.

Analytical note

The observations are qualitative and intended for screening/characterization; they are not a quantitative assay or certificate of purity.

TEST REPORT

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JANOSHIK

E-mail: info@janoshik.com
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Task Number #237165

Testing ordered > 22 SEP '26
Sample received > 06 OCT '26

Client SPEPS/group
Sample Ipamorelin 10mg
Manufacturer SPEPS/group
Batch

Sample description >

See picture or pictures attached.

Tests requested >

Endotoxin Analysis

Results >

Endotoxin	5.392 EU/Vial.

Comments>

Analysis conducted > 09 OCT 2026

Signature>



TEST REPORT

111l-0
JANOSHIK

E-mail: info@janoshik.com
Web: www.janoshik.com

Task Number #237167

Testing ordered > 22 SEP '26
Sample received > 06 OCT '26

Client SPEPS/group
Sample Ipamorelin 10mg
Manufacturer SPEPS/group
Batch

Sample description >

See picture or pictures attached.

Tests requested >

Heavy Metals Analysis

Results >

As	not detected.
Cd	not detected.
Pb	not detected.

Comments>

Hg: not detected.

Analysis conducted > 07 OCT 2026

Signature>

