

REPORT ID AF-2026-559304	VERIFICATION CODE M2CS-MERK	CLIENT China Peptide Source	STATUS ACTIVE
PRODUCT Semaglutide 5 mg	BATCH / LOT SEMA-88E1	SAMPLE RECEIVED Jul 28, 2026	ANALYSIS DATE Jul 30, 2026

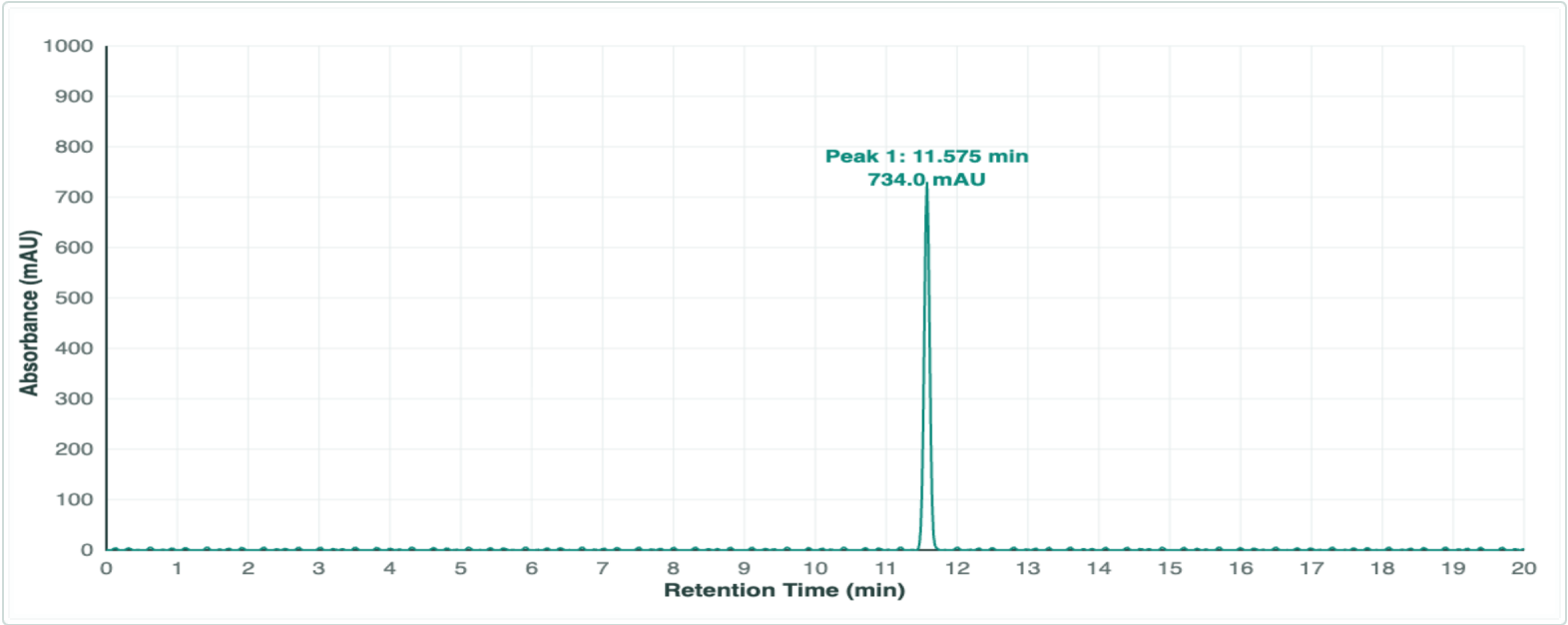
CORE ANALYTICAL PANEL

TEST PARAMETER	METHOD	RESULT	SPECIFICATION	STATUS
Semaglutide - Purity	RP-HPLC	99.30%	≥99.00%	Conforms
Semaglutide - Mass Identity	LC-MS	4114.0 Da	4114.0 ± 2 Da	Conforms
Net Content Quantity	Gravimetric	5.013 mg	5 mg Target	Measured

BIOSAFETY & SCREENING

SAFETY TEST	METHOD	OBSERVED LEVEL	LIMIT	STATUS
Endotoxin Assay (LAL)	LAL	0.35 EU/mg	≤ 5.0 EU/mg	Pass
Heavy Metal Screen (ICP-MS)	ICP-MS	0.048 ppm	< 0.1 ppm	Pass

RP-HPLC CHROMATOGRAM



Column: C18 Reverse-Phase (4.6 × 150 mm, 3.5 μm) Flow Rate: 1.0 mL/min Wavelength: 214 nm

VERIFICATION

M2CS-MERK

<https://analyticalformulations.com/verify/M2CS-MERK>

Lab ID: AFL-001 · FormuVerify™



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