



Semaglutide

Semaglutide 1.0 mg/vial, Lyophilized Peptide Powder for Injection

Overall Result

PASS

Batch Number
BTN-2024-412

Lot Number
LOT-S8291

Quantity
5000 vials

Analysis Date
Feb 03, 2026

Manufacturing Date
Feb 03, 2026

Expiry Date
Feb 03, 2028

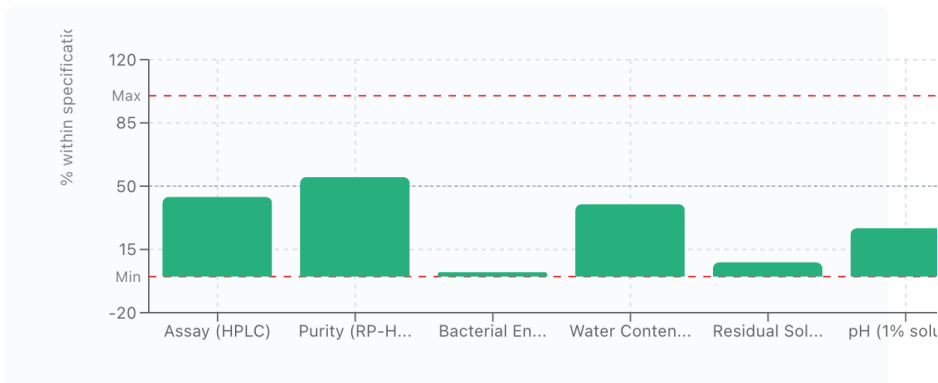
Sample Date
Feb 03, 2026

Analysis Date
Feb 03, 2026

TEST RESULTS

Parameter	Specification	Result	Unit	Status
Assay (HPLC)	95 – 105	99.4	%	✓ Pass
Purity (RP-HPLC)	98 – 100	99.1	%	✓ Pass
Bacterial Endotoxins	0 – 5	0.12	EU/mg	✓ Pass
Water Content (Karl Fischer)	0 – 8	3.2	%	✓ Pass
Residual Solvents (Acetonitrile)	0 – 410	32	ppm	✓ Pass
pH (1% solution)	7 – 8.5	7.4	pH	✓ Pass

RESULTS VISUALIZATION



Values shown as percentage within specification range (0% = min, 100% = max)

Notes

Product conforms to USP standards for synthetic peptides. Storage recommended at 2-8°C, protected from light.

Approved By

Dr. Elena Vasquez, Quality Assurance Director

Date: Feb 03, 2026

Reviewed By

Marcus Henderson, Senior QC Analyst

Date: Feb 03, 2026