

CERTIFICATE OF ANALYSIS

PASS

Semaglutide

Reference material for laboratory research use only. Not for human consumption.

BATCH NUMBER
NP2607-520

LOT NUMBER
LG25443

QUANTITY
50 vials × 20 mg

MANUFACTURING DATE
19 Jul 2026

ANALYSIS DATE
21 Jul 2026

EXPIRY DATE
19 Jul 2028

TEST RESULTS

10 parameters · all within specification

#	Parameter	Specification	Result	Unit	Status
01	Appearance	White lyophilized powder	Conforms	—	Pass
02	Identification (HPLC/MS)	Conforms to reference	Conforms	—	Pass
03	Purity (RP-HPLC)	98.0 – 99.9	99.51	%	Pass
04	Assay (HPLC)	95.0 – 105.0	103.5	%	Pass
05	Water Content (Karl Fischer)	≤ 6.0	3.1	% w/w	Pass
06	Acetate Content	2.0 – 12.0	7.3	% w/w	Pass
07	Residual Solvents	Complies (ICH Q3C)	Complies	—	Pass
08	Bacterial Endotoxins	≤ 5.0	2.0	EU/mg	Pass
09	Sterility (USP <71>)	Complies	Complies	—	Pass
10	Mass (ESI-MS)	Theoretical ± 0.5 Da	Matches	—	Pass

MEASUREMENT PROFILE

Result plotted within specification range



APPROVED BY
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Signed 21 Jul 2026

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