

Semaglutide Specification Sheet

The Semaglutide Specification Sheet provides standard product information and specifications for Semaglutide supplied by Sunone for qualified laboratory research and manufacturing use. This document summarizes product identity, purity specification, physical form, storage conditions, packaging options, and related quality documentation.

Batch-specific identity, purity, analytical results, peptide form, and other release data should always be confirmed against the Certificate of Analysis (COA) supplied with the applicable lot.

Semaglutide Product Identification

Specification	Information
Product Name	Semaglutide
CAS Number	910463-68-2
Molecular Formula	C187H291N45O59
Molecular Weight	4113.58 g/mol
PubChem CID	56843331
Synonyms	Semaglutide; GLP-1 Receptor Agonist; GLP-1 Analogue
Product Category	GLP-1 Peptide
Grade	Research Grade
Physical Form	Lyophilized Powder
Purity Specification	≥99.2% by HPLC
Storage	Store at 2 – 8° C
Availability	Made-to-order / On Request

Standard Product Specifications

Purity

Semaglutide is supplied with a standard purity specification of **≥99.2% by HPLC**. The actual analytical result for each production lot should be confirmed using the applicable batch-specific Certificate of Analysis.

Physical Form

Lyophilized powder.

Chemical Identity

Semaglutide, CAS **910463-68-2**, molecular formula **C187H291N45O59**.

The exact peptide form, termini, counterion or salt state, and batch-specific analytical characteristics should be verified against the applicable COA.

Storage

Store at **2–8°C** according to the product labeling and applicable quality documentation.

Available Semaglutide Specifications

SKU	Pack Size	Packaging
SM5	5 mg × 10 vials	10 vials / box
SM10	10 mg × 10 vials	10 vials / box
SM15	15 mg × 10 vials	10 vials / box
SM20	20 mg × 10 vials	10 vials / box
SM30	30 mg × 10 vials	10 vials / box

Quality Documentation

Quality documentation may include:

- Certificate of Analysis (COA)
- Safety Data Sheet (SDS)
- Semaglutide Specification Sheet
- Batch-specific analytical documentation where applicable

The Certificate of Analysis should be reviewed for final batch-specific identity, purity, and analytical results.

Storage and Handling

Store Semaglutide at **2–8°C**.

Always review the current Safety Data Sheet before handling the material and follow the applicable laboratory chemical hygiene, storage, personal protective equipment, and waste-disposal procedures.

Research and Manufacturing Use Only

For research and manufacturing use only. Not for human or veterinary use, personal consumption, diagnosis, or treatment.

Semaglutide supplied through this website is intended for qualified businesses, laboratories, research organizations, and manufacturing applications in accordance with applicable laws and regulations.

Related Semaglutide Information

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