

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Semaglutide
SKU #:	S774153
Version:	1
Source:	Recombinant
Specifications & Purity:	Animal Free, Carrier Free, GMP, Endotoxin Tested, PharmPure™, ≥99%
Concentration:	
Formulation:	Lyophilized
Reconstitution:	
Storage Conditions:	Store at -20°C, Protected from light, Desiccated, Avoid repeated freezing and thawing

Parameter	Limit Values
Appearance(S774153)	White or almost white lyophilized powder
Identification (Retention time)	Conform
Identification (Peptide mapping)	Conform
N-terminal amino acid sequence	Conform
Hydrophilic impurities	0-3.4(%)
Hydrophobic impurities 1	0-3.1(%)
Hydrophobic impurities 2	0-0.3(%)
Total of Related impurities	0-5.5(%)
High molecular mass proteins	0-0.4(%)
Loss on drying	0-10(%)
Single-chain precursor ≤10 ppm	Conform
Specific activity	0.7-1.3(U/mg)

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Parameter	Limit Values
Host Cell Protein (HCP) ≤ 10 ppm	Conform
Residual host-cell DNA ≤ 10 ng/mg	Conform
Microbial Limit ≤ 102 CFU/g	Conform
Endotoxin Level < 10 EU/mg	Conform
Acetonitrile residue $\leq 0.041\%$	Conform
Isopropanol residue $\leq 0.5\%$	Conform
Ethanol residue $\leq 0.3\%$	Conform
Dichloromethane residue $\leq 0.06\%$	Conform
Sodium	0-4(%)
Assay	0.76-1(mg/mg)