



Company Name Purpose Peptides LLC
Task Number

Name AOD9604
Sample Purpose AOD9604 5mg
Batch AD5/2025-0801
Order Date 7/29/2025
Received 8/8/2025
Conducted 8/11/2025
CAS# 221231-10-3
Formula C78H121N23O23
M.W. 1815.12 g/mol
Test Type LC-MS, Mass Spec, HPLC
Appearance Odorless, white powder



Purity & Impurity Profile			
Test	Specification	Result	
Total Purity (HPLC)	≥ 98.00%	98.77%	Pass
Single Impurity	≤ 1.00%	0.71%	Pass
Total Impurities	≤ 2.00%	0.94%	Pass
Water Content	≤ 6.00%	4.27%	Pass
TFA Content	≤ 0.50%	0.41%	Pass
Identity Testing			
Test	Specification	Result	
Peptide Sequence Confirmation (LCMS)	Pass / No Pass	C78H121N23O23	Pass
Purity Profile (HPLC)	≥ 98.00%	98.42%	Pass
Retention Time (HPLC)	Within Reference Range	Complies	Pass
Additional Testing			
Test	Specification	Result	
Mass Analysis	Within ±1.0 Da	Verified	Pass
Endotoxin	< 0.25 EU/mg	Complies	Pass
Bioburden	< 100 CFU/g	Not Detected	Pass
Heavy Metals	≤ 10 ppm	Complies	Pass
Comments			

Purpose Peptides LLC
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Date: 8/11/2025

Signature:

