

CERTIFICATE OF ANALYSIS

VeriPure Labs

Independent Third-Party Analytical Testing | Email: RESULTS@VERIPURELABS.COM
Web: WWW.VERIPURELABS.COM

REPORT INFORMATION

Report Number:
VPL-261008-5023

Date Issued:
10/08/2026

Task Number:
TSK-22355

Analysis Method:
HPLC-UV / LC-MS

CLIENT INFORMATION

Client Name:
VividDNA

SAMPLE INFORMATION

Sample Name:
Semax 10mg

Lot / Batch:
VD-SX10-2610

Sample Type:
Lyophilized Powder

Storage Conditions:
Store at -20°C

TEST RESULTS & ANALYTICAL DATA

Test Parameter	Method	Specification Range	Result
Appearance	Visual Inspection	White to off-white lyophilized cake/powder	Conforms – white lyophilized powder
Identity (LC-MS)	ESI Positive Mode (m/z 200–3000)	Matches Theoretical Mass (± 0.5 Da)	Conforms Semax: 813.9 Da
Purity (HPLC-UV)	RP-HPLC (C18, 2.6 μ m, 214 nm)	$\geq 98.0\%$ Area	99.1%
Peptide Content	Elemental Analysis	Report Result (%)	83.2%
Water Content	Karl Fischer Titration	$\leq 5.0\%$	2.3%
Residual Solvents	GC-HS	Meets USP <467> Requirements	Conforms
Bacterial Endotoxins	LAL Kinetic Chromogenic	≤ 5 EU/mg	< 1.0 EU/mg

Alan Schmiedt
Authorized Laboratory Director
VeriPure Quality Assurance & Analytical Services



VeriPure Labs is aligned with ISO 9001 and Good Laboratory Practice (GLP) principles. All testing and reports issued are strictly for research use only. Results pertain solely to the sample item as received.