

CERTIFICATE OF ANALYSIS

VeriPure Labs

Independent Third-Party Analytical Testing | Email: RESULTS@VERIPURELABS.COM
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REPORT INFORMATION

Report Number:
VPL-261008-9182

Date Issued:
10/08/2026

Task Number:
TSK-92543

Analysis Method:
HPLC-UV / LC-MS

CLIENT INFORMATION

Client Name:
VividDNA

SAMPLE INFORMATION

Sample Name:
Semax / Selank 20mg

Lot / Batch:
VD-SS20-2610

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 of each component (± 0.5 Da)	Conforms Semax: 813.9 Da Selank: 751.9 Da
Purity (HPLC-UV)	RP-HPLC (C18, 2.6 μ m, 214 nm)	$\geq 98.0\%$ Area (each component)	Semax: 99.7% Selank: 99.1%
Peptide Content	Elemental Analysis	Report Result (% , total peptide)	87.7%
Water Content	Karl Fischer Titration	$\leq 5.0\%$	3.6%
Residual Solvents	GC-HS	Meets USP <467> Requirements	Conforms
Bacterial Endotoxins	LAL Kinetic Chromogenic	≤ 5 EU/mg	< 1.0 EU/mg

Alan Schmiedt
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VeriPure Quality Assurance & Analytical Services



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