

CERTIFICATE OF ANALYSIS

VeriPure Labs

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

Report Number:
VPL-261008-4895

Date Issued:
10/08/2026

Task Number:
TSK-39355

Analysis Method:
SEC-HPLC / LC-MS / Bioassay

CLIENT INFORMATION

Client Name:
VividDNA

SAMPLE INFORMATION

Sample Name:
HCG 10,000 IU

Lot / Batch:
VD-HCG10K-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, intact mass (deconvoluted)	Consistent with hCG α/β subunit glycoform profile	Conforms α -subunit: ~14.5 kDa β -subunit: ~22.2 kDa
Purity (SEC-HPLC)	SEC-HPLC (UV, 280 nm)	$\geq 95.0\%$ Main Peak (heterodimer)	99.5%
Potency (Bioassay)	In vitro cell-based bioassay vs. WHO International Standard	80–125% of label claim (10,000 IU)	10,450 IU/vial (104.5%)
Protein Content	UV Absorbance (A280)	Report Result (%)	89.1%
Water Content	Karl Fischer Titration	$\leq 5.0\%$	3.7%
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



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