

CERTIFICATE OF ANALYSIS

HCG

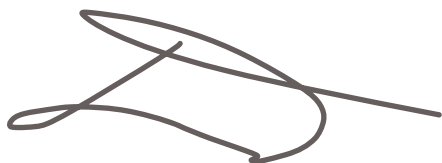
Cat No:	HCG5000
CAS No:	9002-61-3
PubChem CID:	16129631
Chemical Name:	Human Chorionic Gonadotropin 5000IU
MG:	5000 IU

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	N/A (glycoprotein)
Molecular Weight:	~36,700 g/mol (36.7 kDa)
Storage:	-20°C 3yr / 4°C 2yr / 15°C 3mo
Chemical Structure:	Heterodimeric glycoprotein: 92 aa alpha subunit + 149 aa beta subunit

ANALYTICAL DATA

Test Items	Specifications	Results
Appearance:	White to off-white lyophilised solid powder	Conforms
Purity (HPLC):	>99.5%	99%
TFA Content:	<0.51%	Conforms



QC Director

Sampling Date: 28/03/2026
Testing Date: 30/03/2026
Report Date: 06/04/2026