MISTRAL
DIAGNOSTICS

Dallas, TX 75247 · mistraldiagnostics.com

Certificate of Analysis

SAMPLE

CLIENT
Peptide.Express

METHOD
HPLC Assay (USP)

SCAN TO VERIFY

PASS

COA NUMBER	LOT / BATCH	REPORTED
84189	**H1081226**	**08/27/2026**

RECEIVED	LABELED	ASSAY	MATRIX
08/14/2026	**10 IU**	**11 IU**	**Lyophilized**

Identity
HGH (Somatropin) 10 IU

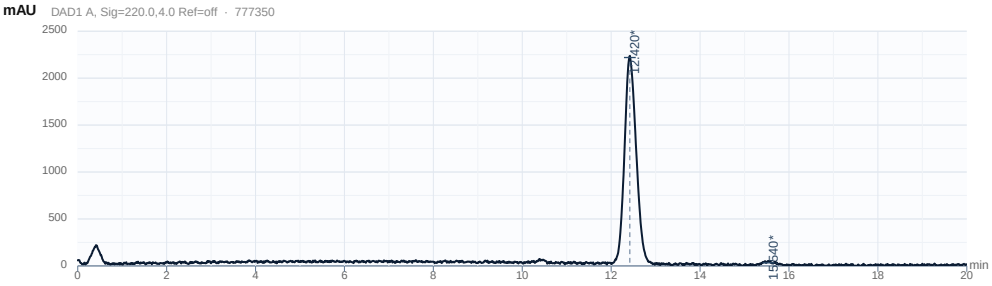
Assay / Potency
11 IU

✓ Fentanyl Screen

Analytical Results

Analyte	Specification	Result	Unit	Status
Assay / Potency (USP)	80.0–125.0% of label (USP)	**11.2**	IU	PASS
Labeled Claim	Report Only	**10**	IU	N/A
Dimers & HMW Proteins	NMT 6.0% (USP-related)	**1.5%**	%	PASS
Identity (HPLC-RT)	HGH (Somatropin) 10 IU	**Confirmed**	-	PASS
Fentanyl Screen	Immunoassay, 50 ng/mL cutoff	**Not Detected**	-	✓

HPLC Assay Chromatogram · RT 12.42 min



Product	HGH 10 IU
Lot	H1081226
Labeled	10 IU
Assay	**11 IU**
Appearance	Lyophilized Powder

Elemental Impurities (ICP-MS)

Test	Specification	Result	Status
Arsenic (As)	NMT 1.5 ppm	< 0.010 ppm	PASS
Cadmium (Cd)	NMT 0.5 ppm	< 0.005 ppm	PASS
Lead (Pb)	NMT 1.0 ppm	< 0.010 ppm	PASS
Mercury (Hg)	NMT 1.5 ppm	< 0.010 ppm	PASS
Chromium (Cr)	NMT 10.0 ppm	0.061 ppm	PASS

Additional Assays

Test	Specification	Result	Status
Sterility (qPCR Rapid)	Not Detected	Negative	PASS
Endotoxin (USP <85>)	NMT 10.0 EU/mg	0.032 EU/mL	PASS

Principal Chemist

Results apply only to the sample(s) received and are for research use only. Not approved for human, veterinary, diagnostic, therapeutic, or clinical use.

COA: 84189
Lot: H1081226
Verify: mistraldiagnostics.com/verify
support@mistraldiagnostics.com