

CERTIFICATE OF ANALYSIS

RECOMBINANT SOMATROPIN 191aa

DOC NDP-COA-HG342-01

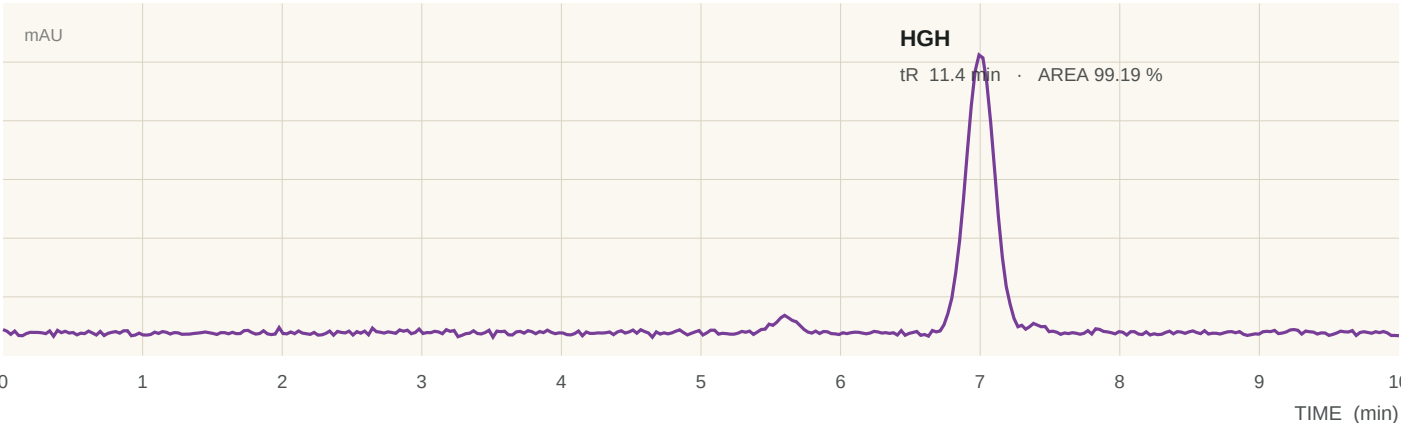
PURITY · SEC-HPLC

99.19%

SEC-HPLC · UV 280 nm · tR 11.4 min · AREA NORMALISATION

IDENTITY	SDS-PAGE single band 22 kDa
APPEARANCE	WHITE LYOPHILISED POWDER
TFA CONTENT	< 0.50 %
MOLECULAR WEIGHT	≈ 22 125 Da
MOLECULAR FORMULA	C990 H1528 N262 O300 S7

SEC-HPLC TRACE phosphate buffer · size-exclusion column · 25°C · 0.5 mL/min · UV 280 nm



ANALYTICAL METHODS & STORAGE

Purity	SEC-HPLC · UV 280 nm
Identity	SDS-PAGE · Coomassie stain
Aggregation	SEC-HPLC peak symmetry
Appearance	Visual · white light
Molecular weight	Estimated from gel · ~22 kDa
Storage — lyophilised powder	-20°C / 3 years +4°C / 2 years +15°C / 3 months
Storage — in solvent	-80°C / 6 months +2°C to +8°C / 1 month +10°C / 1 week