

CERTIFICATE OF ANALYSIS

AMYLIN ANALOGUE

DOC NDP-COA-CG114-01

PURITY · RP-HPLC

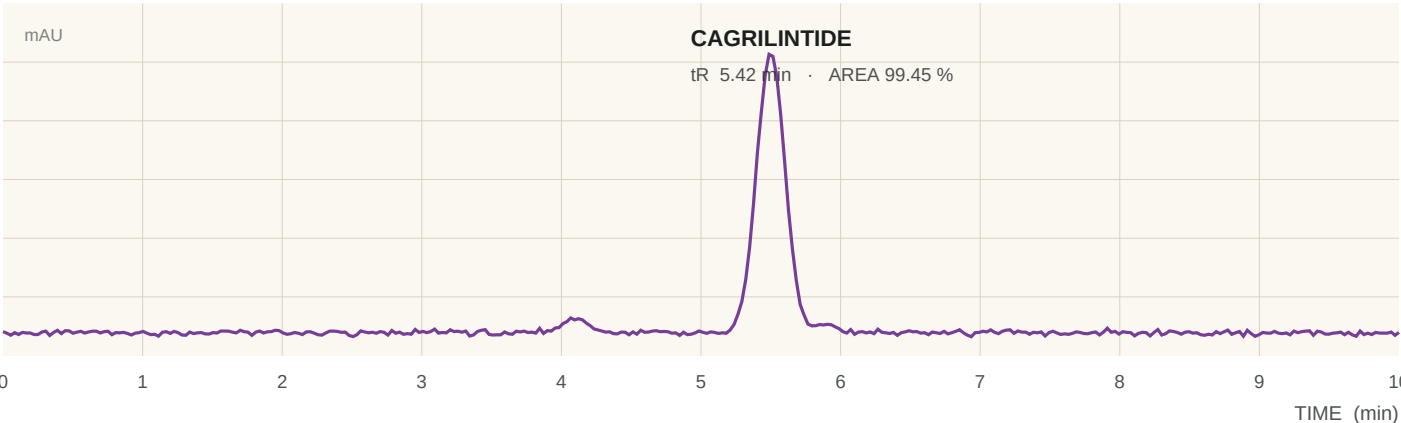
99.45%

RP-HPLC · UV 214 nm · tR 5.42 min · AREA NORMALISATION

IDENTITY	LC-MS [M+3H] ³⁺ 1264.1
APPEARANCE	WHITE LYOPHILISED POWDER
TFA CONTENT	< 0.50 %
MOLECULAR WEIGHT	3789.4 g/mol
MOLECULAR FORMULA	C171 H264 N50 O55 S2

RP-HPLC TRACE

C18 · 0.1% TFA / Acetonitrile gradient · 35°C · 1 mL/min · UV 214 nm



ANALYTICAL METHODS & STORAGE

Purity	RP-HPLC · UV 214 nm
Identity	LC-MS · ESI+ · observed mass
TFA content	Ion chromatography
Appearance	Visual · white light
Molecular weight	Calculated from sequence
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