

Melanotan II

Released 25 Dec 2025

Product name	Melanotan II	Batch number	C-MT20-3.0-20251225
Lot / sample ID	C-MT20-3.0-20251225	CAS number	121062-08-6
Molecular formula	C ₅₀ H ₆₉ N ₁₅ O ₉	Molecular weight	1024.18 g/mol
Presentation	3 mL cartridge (20 mg)	Concentration	6.67 mg/mL
Appearance	Colourless to light-yellow solution	Storage	2-8 C, dark, sealed; do not freeze
Date of analysis	25 Dec 2025	Manufacture date	25 Dec 2025

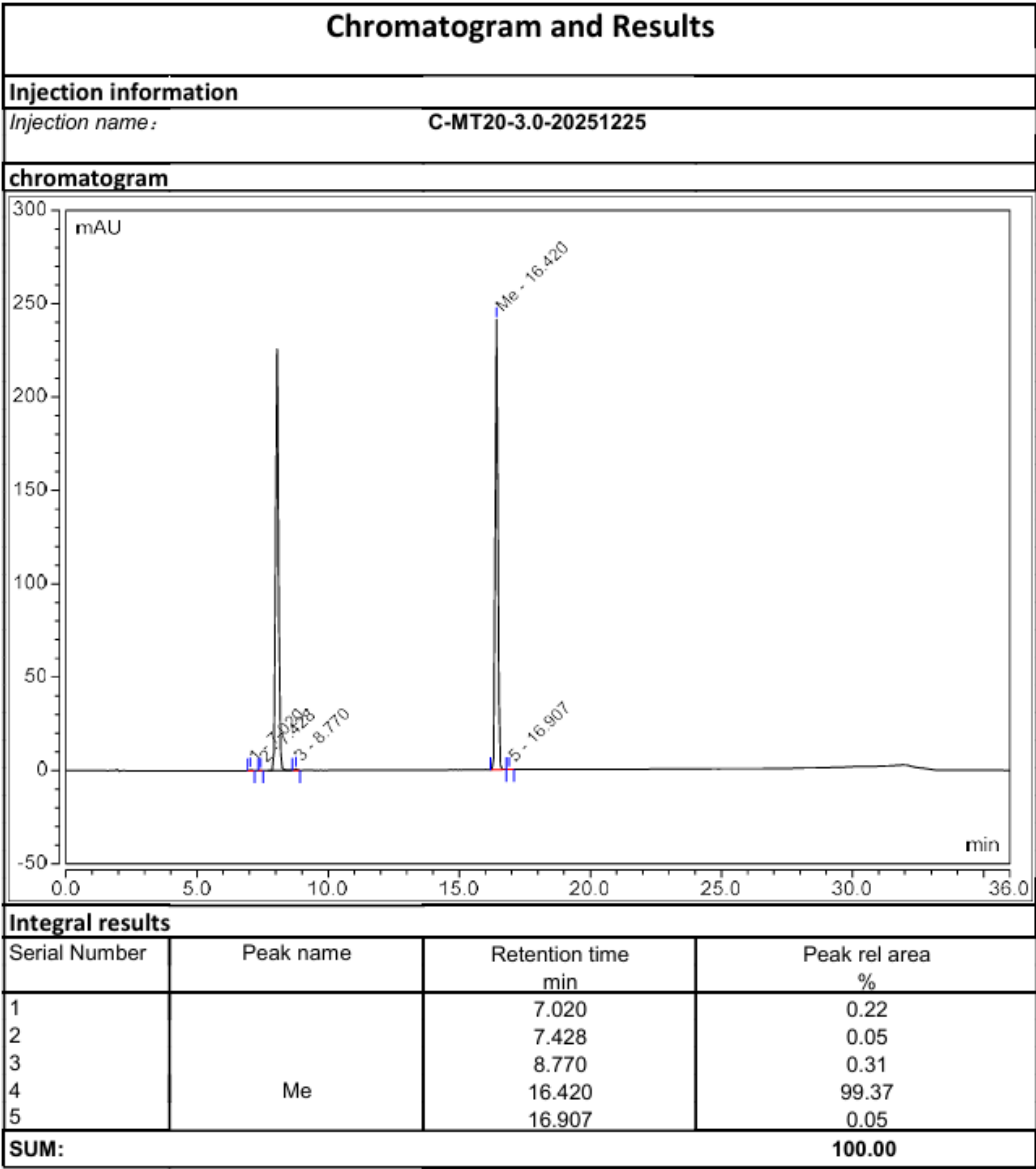
Analytical results

Test parameter	Method	Specification	Result	Status
Appearance	Visual	Colourless to light-yellow solution	Conforms	Conforms
Identity	RP-HPLC	RT corresponds to standard	Conforms	Conforms
Purity	RP-HPLC	>= 95.0%	99.4%	Pass
Individual impurity	RP-HPLC	<= 2.0%	0.31%	Pass
Total impurities	RP-HPLC	<= 5.0%	0.63%	Pass
pH	Potentiometric	6.5 - 7.5	7.0	Pass
Phenol content	RP-HPLC	4.5 - 5.5 mg/mL	5.0 mg/mL	Pass
Sterility	Ph. Eur.	Meets requirements	Conforms	Conforms
Bacterial endotoxins	LAL	<= 20 EU/mg	< 20 EU/mg	Pass
Content	RP-HPLC	>= 6.3 mg/mL	7.4 mg/mL	Pass

Melanotan II

continued

HPLC chromatogram



RP-HPLC - main peak RT 16.420 min (99.37%) - reproduced from source lab report

Overall result — Conforms to specification

QC PASS

Results relate only to the batch tested, by the stated methods at time of release. Storage figures are recommendations, not stability data. For research use only - not for human consumption.