



Certificate of Analysis

Product name	Melanotan II	Manufacture date	July.11.2022
Batch number	FQ220311	Analysis date	July.12.2022
Batch quantity	500kg	Expiry date	July.11.2024

ANALYSIS	SPECIFICATION	RESULTS
Appearance	White freeze-dried powder	Appearance
Purity	98%min	98.64%
Boiling point	1265.3°C at 760 mmHg	Complies
Density	1.27 g/cm3	Complies
Refractive index	1.638	Complies
Single Impurity (HPLC)	1.0%max	Complies
Amino Acid Composition	±10% of theoretical	Complies
Peptide Content (N%)	≥80.0%	Complies
Water Content(Karl Fischer)	≤6.0%	Complies
Acetate Content (HPIC)	≤12.0%	Complies
MS(ESI)	Consistent	Complies
Mass Balance	95.0~105.0%	Complies

aPacking description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place not freeze., keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer

Corrector

Analyst

