



湖北万知化工医药股份有限公司

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Certificate of Analysis

Product Name	Melanotan 2	Standard	Enterprise Standard
Batch No.:	VANZ-2021110101	Manu Date	Nov.01,2021
Expiry Date	Nov.02,2023	Analysis Date	Nov.03,2021

Items	Specifications	Results
Appearance	White powder	Complies
Identification	Positive	Positive
Absorbance(E 1cm)	465~495	485.6
Melting point	191~195°C	193.5~195.0°C
Loss on drying	0.5%max	0.16%
Specific rotation	+288° ~+298°	+290.2°
Residue on ignition	0.1%max	0.04%
Related substances	Total:1.5%max	<1.3%
	Single:0.5%max	<0.4%
Residue solvents	0.2%max	0.10%
Heavy metals	20ppm max	<10ppm
Assay(By HPLC)	98.0~102.0%	99.12%
Conclusion	The above product conforms to enterprise standard.	

Tested by: Wang Xiaohang

Checked by: Du Ke

Issued by: Lei Xiaogang

