



武汉福鑫化工有限公司

Wuhan Fortuna Chemical Co.,Ltd

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CERTIFICATE OF ANALYSIS

Product: Vitamin D2(Ergocalciferol)

Batch No.: 210303

Quantity: 5.2kg

Date of check: 2021-03-06

Manuf No.: 20121-03-04

Expiry Date: 2023-03-03

ITEMS	SPECIFICATIONS	RESULTS
Characteristic	White crystalline powder	White crystalline powder
Solubility	Freely soluble in alcohol	Freely soluble in alcohol
Melting point	115°C--119°C	115.1°C--116.0°C
Identification	A.IR	Complies
	B.UV	Complies
	C.Color reaction	Complies
	D.Ergostero(TCL)	Complies
Reducing substances	≤20ppm	Complies
Specific optical rotation	+103.0°~+106.0°	+104.4°
Assay(By HPLC) 40MIU/G	97.0%~103.0%	99.8%
Organic volatile impurities	Corresponding Benzene≤200ppm	Corresponding Negative
Conclusion: Complies with requirement of USP40 standard.		
Storage: Store in an airtight container, under nitrogen, protected from light, a temperature between 2°C and 8°C.		

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03