

# Hubei Zhuxi Humanwell Pharmaceutical Co., Ltd.

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## CERTIFICATE OF ANALYSIS

Product: Dehydroepiandrosterone      Batch No.: DHEAH240203  
Quantity: 25kg      Specification: in house  
Mfg. date: 2024.02.05      Retest date: 2027.02.04

Item (项目)	Specifications (标准)	Results (结果)
Description	White or almost white crystalline powder	Almost white crystalline powder
Identification	IR	Conform
Melting point	146~151°C	149.0~150.5°C
Loss on drying	≤0.5%	0.23%
Specific optical rotation	+11°~+14°	+12.3°
Residue on ignition	≤0.1%	0.03%
Heavy metals	≤10ppm	Conform
Related substances	Single impurity ≤0.20%	0.07%
	Total impurities ≤1.0%	0.17%
Residual solvent	Methanol ≤3000ppm	1187ppm
	Acetone ≤5000ppm	Not detected
	Ethyl formate ≤5000ppm	Not detected
	Dichloromethane ≤600ppm	Not detected
	Isopropenyl acetate ≤140ppm	Not detected
Assay	97.5%~102.0%	99.9%

Conclusion: Complies with the requirements of in-house

Report person:

Date: 2024.09.19

QP:

Date: 2024.09.19

质检报告专用章