



武汉福鑫化工有限公司

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CERTIFICATE OF ANALYSIS

Products Name	CAS NO.	Batch No.
Dydrogesterone	152-62-5	20240215
Mfg. Date	Exp. Date	Package
Feb.,15,2024	Feb., 14,2026	1kg/ Box

ITEMS	SPECIFICATIONS	RESULTS
Appearance	Almost white to white crystalline, practically in soluble in water, soluble in acetone, sparingly soluble in ethanol(96%)	Conforms
Identification	(1)IR (2)HPLC	Conforms
Specific optical rotation	-469° ~ -485°	-474°
Related Substances	ImpurityA ≤0.3%	<0.05%
	ImpurityB ≤0.15%	ND
	ImpurityC ≤0.3%	ND
	Unspecified impurities ≤0.10%	ND
	Total impurities NMT0.5% ≤0.5%	<0.05%
Lose on drying	≤0.5%	0.07%
Sulfated ash	≤0.1%	0.01%
Residual Solvents(by GC)	Ethyl acetate ≤0.50%	0.09%
	Dichloromethane ≤0.06%	ND
	Methanol ≤0.3%	ND
	Acetone ≤0.5%	ND
Particle Size	D0.9 ≤10um	Conforms
Assay (dried substance)	98.0%~102.0%	100.0%
Storage	Preserve in well-closed containers.	
CONCLUSION: The results conform to Ph.Eur.10.0		

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03