

OCTAGON CHEMICALS LIMITED

CERTIFICATE OF ANALYSIS

Product name	Finasteride (Cas 98319-26-7)		
Batch No.	20200203	Mfg. date	2020.02.13
Rep. Date	2020.02.18	Exp. date	2022.02.12
Packaging	1kg/Tin 25kg/drum	Batch Size	50.8kg
Test Items	Standards: USP40		Results
Appearance	White or almost white crystalline powder		Almost crystalline powder
Identification	IR/HPLC: should meet the requirements		Conforms
Solubility	Freely soluble in chloroform and alcohol, very slightly soluble in water		Conforms
Melting point	About 257°C		256.6~257.6°C
Specific rotation	-50.0°~ -60.0°		-58.4°
Water	NMT0.3%		0.22%
Residue on Ignition	≤0.1%		0.05%
Heavy Metals	≤10ppm		<10ppm
Density(g/cm ³)	0.27~0.37		0.31
Related substances	Single impurity: NMT0.5%		0.15%
	Total impurities: NMT1.0%		0.61%
Assay	98.5%~101.0%		99.7%
Residual solvents	Should conform		conforms
Conclusion	It meets the requirements of USP40 Standards		
Storage	Store in a well-closed container at ambient temperature		
Prepared by: LI	Reviewed by: WEI	Released by: Zhang	