

SHANDONG OCTAGON CHEMICALS LIMITED

CERTIFICATE OF ANALYSIS

Product name	Minoxidil (Cas 38304-91-5)				
Batch No.	20200401	Mfg. date	2020.04.09		
Rep. Date	2020.04.08	Exp. date	2022.04.08		
Packaging	25kg/Drum	Batch Quantity	850.3Kg		
Test Items	Standards: USP41		Results		
Appearance	White to almost White crystalline powder		An almost White crystalline powder		
Solubility	Soluble in ethanol and propylene glycol, slightly soluble in methanol, water, almost insoluble in chloroform, acetone, ethyl acetate, n-hexane		Soluble in ethanol and propylene glycol, slightly soluble in methanol, water, almost insoluble in chloroform, acetone, ethyl acetate, n-hexane		
Identification	Infrared absorption spectrum consistent with the reference substance		Conforms		
Organic impurities	≤1.5%		0.093%		
Loss of Drying	≤0.5%		0.2%		
Heavy Metal	≤20ppm		<20ppm		
Residue on ignition	≤0.5%		0.07%		
Assay	97%~103%		99.8%		
Conclusion	It meets the requirements of USP41 Standards				
Storage	Store in a well-closed container at ambient temperature				
Prepared by:	LI	Reviewed by:	WEI	Released by:	Zhang

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