



Shandong Hanjiang Chemical Co., Ltd.
山东瀚江达化工有限公司

CERTIFICATE OF ANALYSIS
化 验 报 告 单

Product 产品名称	MINOXIDIL		
Batch No. 批号	20041609	Mfg. Date 生产日期	2020.04.16
Quantity 重量	315.2KG	Retest. Date	2022.04.15
Tests 项目	Specifications 标准		Results 结果
Description 性状	White to off-white crystalline powder. Melts between 248°C to 268 °C, with decomposition. 白色至类白色结晶性粉末, 熔点为 248°C to 268 °C, 并伴有降解。		White crystalline powder 252.4°C to 254.6 °C
Solubility 溶解度	Soluble in alcohol in propylene glycol, sparingly soluble in methanol, slightly soluble in water. Practically insoluble in chloroform, acetone, ethyl acetate and in hexane. 易溶于乙醇和丙二醇, 在甲醇中微溶, 难溶于水。在氯仿, 丙酮, 乙酸乙酯及正己烷中几乎不溶。		Complies 符合要求
Identification 鉴定	The infrared absorption spectrum of the sample should be concordant with the IR absorption spectrum of Minodixil working standard. 样品红外光谱图应与对照品图谱一致。		Complies 符合要求
Assay by HPLC(on dried basis) 含量	97.0% ~ 103.0%		100.0%
Impurities 有关物质	Total Impurities ≤1.5%		0.4%
Residue on ignition 灼烧残渣	≤0.5%		0.01%
Loss on drying 干失	≤0.5%		0.10%
Residual solvents by GC-HS 溶剂残留	Methanol NMT 3000 ppm Piperidine NMT 1000ppm		<3000ppm <1000ppm
Conclusion 结论 : Conforms to USP42 符合 USP42 标准			