


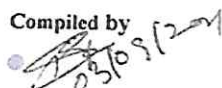
10/09/2021

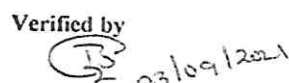
	KUMAR ORGANIC PRODUCTS LIMITED
	CERTIFICATE OF ANALYSIS

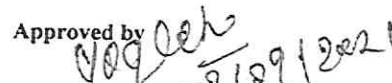
Name of the Product	MINOXIDIL EP	Batch No.	K007.1/20/10/280
Analytical report no.	FP/K007/SB/20/319	Mfg. Date	OCTOBER -2020
Date of analysis	29.10.2020	Exp. Date	SEPTEMBER-2024
Qty being dispatched	150.0Kg	Mfg.Licence No.	KTK/25/624/2013
CEP no.	R1-CEP 2013-310-Rev 00		

SI No.	TEST	SPECIFICATION	RESULT
1	Appearance	White or almost white, crystalline powder	Almost white, crystalline powder
2	Solubility	Slightly soluble in water, soluble in methanol and in propylene glycol.	Complies
3	Identification By IR Absorption spectrophotometry	The IR absorption spectrum of the sample should be concordant with the IR absorption spectrum of Minoxidil working standard	Complies
4	Related substances		
	A. Related substances by GC-HS		
	a. Piperidine	Maximum 1000 ppm	< 1000 ppm
	B. Related substances by HPLC		
	a. Impurity E	Maximum 0.15%	Below Detection Limit
	b. Impurity B	Maximum 0.15%	Below Detection Limit
	c. Single largest unknown impurity	Maximum 0.10%	0.01%
	d.Total Impurities	Maximum 0.3%	0.04%
5	Loss on drying	Maximum 0.5%	0.11%
6	Sulfated ash	Maximum 0.1%	0.03%
7	Assay by potentiometry (on dried basis)	99.0% to 101.0%	99.5%
8	Residual solvents by GC-HS 1. Methanol	Not more than 3000 ppm	< 3000 ppm

Remarks: The above sample complies with the EP 10 standards.

Compiled by

QC Executive

Verified by

QC Manager

Approved by

QA Manager

Plot# 60/65, 62 & 64 Road No.3 & 5, Jigani Industrial Area, Anekal taluk, Bangalore-560105, Karnataka, India Tel. +91-80- 27825196/27825376/27825733 Fax: +91-80-27825439, Email: sales@kumarorganic.net, Website :http://www.kumarorganic.net

