

CERTIFICATE OF ANALYSIS

Name of the Product : **Minoxidil-USP**
 Batch No. : **MNDL2202005**
 Analytical Report No : **FP22/MNDL/005**
 Item Code : **051**
 Quantity Dispatched/Sample Quantity : **200 Kg**
 Mfg. date : **January 2022**
 Expiry date/Retest-date : **December 2024**

RESULTS OF ANALYSIS

S. No	TEST PARAMETER	SPECIFICATION	RESULTS
01.	Description	White to off-white crystalline powder	Off white crystalline powder
02.	Solubility	Soluble in Alcohol and in Propylene glycol, sparingly soluble in Methanol, slightly soluble in water. Practically insoluble in Chloroform, Acetone, Ethyl acetate and in Hexane.	Complies
03.	Melting Range	Approximately : 248°C to 268°C with decomposition	252.2°C to 252.9°C
04.	Identification By IR	The IR spectrum of the test sample should be concordant as that of the Reference standard or working standard.	Complies
05.	Assay (By HPLC) (On dried basis)	Not less than 97.0% and Not more than 103.0%	99.9%
06.	Organic impurities (By HPLC)	Total impurities : NMT 1.5%	0.34%
07.	Residue on ignition	Not more than 0.5%	0.04%
08.	Loss on drying 50°C at 5mm of Hg, 3hrs	Not more than 0.5%	0.21%
09.	Residual solvents (By GC)	Methanol : Not more than 3000 ppm	Below Detection Limit

Remarks: Complies with the above mentioned prescribed Specification as per USP 42.

PREPARED BY: *[Signature]*
OFFICER – QUALITY ASSURANCE
DATE: 22 Mar 22

CHECKED BY: *[Signature]*
HOD – QUALITY CONTROL
DATE: 22 Mar 22

APPROVED BY: *[Signature]*
HOD – QUALITY ASSURANCE
DATE: 22 Mar 22

Name of the Customer: M/s. Unifarma S.A.
Date of Issue: 22nd Mar 2022

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