



## ANALYSIS CERTIFICATE

**Lot/Analysis/Analysis N°: 241917**

|                   |                  |
|-------------------|------------------|
| Product:          | MINOXIDIL        |
| Lot:              | 241917           |
| Expiry date:      | 30/04/2029       |
| Reference:        | Cumple PhEur11.5 |
| Synonyms:         |                  |
| Formula:          | C9H15N5O         |
| Molecular weight: | 209,25 g/mol     |

| Assay                      | Result      | Specification  |   |
|----------------------------|-------------|----------------|---|
| Identification             | Conform (B) | Test PhEur (B) |   |
| Organoleptic properties    | Conform     | PhEur          |   |
| Related substances (HPLC)  | Conform     |                |   |
| Loss on drying             | 0,02%       | <= 0,5 %       |   |
| Sulphated ashes            | 0,01%       | <= 0,1 %       |   |
| Assay                      | 99,7%       | 99,0 - 101,0 % |   |
| Impurity B                 | <0,05 %     | <= 0,15 %      |   |
| Impurity E                 | < 0,05 %    | <= 0,2 %       |   |
| Unspecified Impurities     | < 0,05 %    | <= 0,10 %      |   |
| Total impurities           | < 0,05 %    | <= 0,3 %       |   |
| Residual solvent: Methanol | < 3000 ppm  | <= 3000 ppm    | # |
| Residual solvent: Toluene  | < 890 ppm   | <= 890 ppm     | # |
| Elemental impurities       | Conform     | Test PhEur     | # |
| Nitrosamine impurities     | Conform     | Test PhEur     | # |

Organoleptic characteristics: White or almost white crystalline powder. Slightly soluble in water, soluble in methanol and in propylene glycol.

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 11/10/2024

Judgement:  
APPROVED

Responsible: B. Chia

Technical director: Montserrat Enrique

Manufacturer: F00398 VPL Chemicals Pvt Ltd

Manufacturer batch: MNLM2405030

| Product | Name       | Capacity | Batch      |
|---------|------------|----------|------------|
| 1160665 | MINOXIDILO | 25 g     | 241917-G-1 |
| 1160667 | MINOXIDILO | 100 g    | 241917-J-1 |
| 1160668 | MINOXIDILO | 250 g    | 241917-N-1 |

|         |            |      |            |
|---------|------------|------|------------|
| 1160670 | MINOXIDILO | 1 kg | 241917-P-1 |
| 1160671 | MINOXIDILO | 5 kg | 241917-Q-1 |

This certificate is not initialled as it is computer processed, it is validated with the originals available at Acofarma.

Original manufacturer's certificate available on request.

(#) Parameter controlled by the manufacturer

(=) UE certificate

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