

## Minoxidil

<b>CODE ARTICLE:</b> 93797	<b>BATCH:</b> 0123130	<b>Active pharmaceutical ingredient</b>
<b>TEST DATE:</b> 24/10/2023	<b>TEST:</b> QC-00257905	
<b>EXPIRY DATE:</b> 30/09/2028	<b>FABRICATION DATE:</b> 01/09/2023	<b>MR:</b> 209,30
<b>CAS:</b> [38304-91-5]	<b>FORMULA:</b> C9H15N5O	
<b>SYNONYMS / BOTANICAL NAME:</b> Minoxidilo		
<b>STORAGE:</b> Store in tightly closed containers in a cool, dry place.		

TEST	RESULTS	Units	MIN	MAX	METHOD
APPEARANCE	CONFORM -			White or almost white crystal powder	PH.EUR.*
COLOUR	CONFORM -			White	PH.EUR.*
<b>IDENTIFICATION</b>					
IR IDENTIFICATION	CONFORM				PH.EUR.*
MELTING POINT	259 °C		248	268	USP
<b>RELATED SUBSTANCES</b>					
TOTAL IMPURITIES	<0,05 %			<=0,3	PH.EUR.
OTHER IMPURITIES	<0,05 %			<=0,10	PH.EUR.
IMPURITY B	<0,05 %			<=0,15	PH.EUR.
IMPURITY E	<0,05 %			<=0,2	PH.EUR.
LOSS ON DRYING	0,03 %			<=0,5	PH.EUR.*
SULPHATED ASHES	<0,03 %			<=0,1	PH.EUR.
ASSAY (DRY SUBSTANCE)	100,1 %		99	101	PH.EUR.*
DENSITY	0,5 G/ML		0,4	0,6	Manufacture's Standard
PARTICLE SIZE < 125	100 %		100		Manufacture's Standard
PARTICLE SIZE <100	96,4 %		90		Manufacture's Standard
<b>RESIDUAL SOLVENTS</b>					
METHANOL	36 ppm			<=500	Manufacture's Standard
CORRECT BATCH	YES				Manufacture's Standard
SAMPLING	COLLECT				Manufacture's Standard
SPECIFICATION	PH.EUR 11				Manufacture's Standard
Risk Assessment Evaluation for Nitrosamines	CONFORM -				Manufacture's Standard
Elemental Impurities ICHQ3D	CONFORM -				Manufacture's Standard

**NON-sterile**



**Silvia Sancho-Tello Ripoll**  
Technical Director.

**The product has been handled in NON-sterile rooms, therefore this product IS NOT STERILE**

The data expressed in this certificate of analysis is facilitated by our supplier and/or obtained in our control laboratory, in no case being exempted of the controls demanded by each sector. Tests marked with (\*) are verified in Guinama.

Manufacturer: 45023 T. S.P.A. (Italia) Manufacturer Batch: 323056 Manufacturer original CoA available under request

GUINAMA S.L. Calle Oslo, 3 46185 La Pobla de Vallbona (Valencia) Spain  
Phone: +34 96 186 90 90 / 902 11 98 16 Fax: 96 185 03 52 E-mail: ventas@guinama.com - www.guinama.com

