

## Dexpanthenol

<b>CODE ARTICLE:</b> 90670	<b>BATCH:</b> 0123282
<b>TEST DATE:</b> 09/11/2023	<b>TEST:</b> QC-00258478
<b>EXPIRY DATE:</b> 30/05/2026	<b>FABRICATION DATE:</b> 31/05/2023
<b>CAS:</b> [81-13-0]	<b>FORMULA:</b> C9H19NO4
<b>SYNONYMS / BOTANICAL NAME:</b> D-Pantenol; Alcohol D-Pantotenilico	
<b>STORAGE:</b> Store in tightly closed containers in a cool, dry place.	

TEST	RESULTS	Units	MIN	MAX	METHOD
APPEARANCE	CONFORM	-		Viscous liquid	PH.EUR.*
COLOUR	CONFORM	-		Colourless	PH.EUR.*
<b>IDENTIFICATION</b>					
IDENTIFICACION ROTACION ÓPTICA [A]		30,5 DEGREES	29	31,5	PH.EUR.
IDENTIFICACION POR IR [B]	CONFORM				PH.EUR.*
DISSOLUTION ASPECT	CONFORM	-		Solution S clear and not more coloured than B6	PH.EUR.
PH (5%)		10,1 -	9	10,5	PH.EUR.*
IMPUREZA A Y OTROS AMINO COMPUESTOS		0,4 %	-	0,5	PH.EUR.
<b>RELATED SUBSTANCES</b>					
IMPURITY B		0,22 %	-	0,5	PH.EUR.
IMPURITY C		0,72 %	-	1	PH.EUR.
TOTAL IMPURITIES		0,9 %	-	2	PH.EUR.
UNSPECIFIED IMPURITIES		<0,05 %		0,10	PH.EUR.
WATER		0,3 %	-	1	PH.EUR.
SULPHATED ASHES	CONFORM	%	-	0,1	PH.EUR.
ASSAY (ANHIDROUS BASIS)		100,3 %	98	101	PH.EUR.
REFRACTION INDEX		1,499 -	1,497	1,501	Manufacture's Standard
HEAVY METALS	CONFORM	ppm	-	10	Manufacture's Standard
LEAD	CONFORM	ppm	-	1,0	Manufacture's Standard
<b>RESIDUAL SOLVENTS</b>					
DICHLOROMETHANE	CONFORM	MG/KG		50	Manufacture's Standard
METHANOL	CONFORM	MG/KG		200	Manufacture's Standard
<b>MICROBIOLOGICAL CONTROL</b>					
TOTAL AEROBICS	CONFORM	UFC/G		100	Manufacture's Standard
MOLDS AND YEASTS	CONFORM	UFC/G		100	Manufacture's Standard
ENTEROBACTERS	CONFORM	UFC/G		10	Manufacture's Standard
SALMONELLA	ABSENT	/25g			Manufacture's Standard
E. COLI	ABSENT	/10g			Manufacture's Standard
STAPHYLOCOCCUS AUREUS	ABSENT	/10g			Manufacture's Standard
PSEUDOMONAS AERUGINOSA	ABSENT	/10g			Manufacture's Standard
C. ALBICANS	ABSENT	/10g			Manufacture's Standard
CORRECT BATCH	YES				Manufacture's Standard
SAMPLING	COLLECT				Manufacture's Standard

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 Batch: TL02305063 Supplier Code: 405159

GUINAMA S.L. C/ OSLO,3 (before C/Praga) POL.IND. GUTENBERG 46185 La Pobra de Vallbona (Valencia) Spain  
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TEST	RESULTS	Units	MIN	MAX	METHOD
SPECIFICATION	PH.EUR 11, USP, FCC				Manufacture's Standard

*NON-sterile*



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

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

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