

## Dexpanthenol

<b>CODE ARTICLE:</b> 96483	<b>BATCH:</b> 0126877
<b>TEST DATE:</b> 18/03/2024	<b>TEST:</b> QC-00262532
<b>EXPIRY DATE:</b> 28/07/2026	<b>FABRICATION DATE:</b> 29/07/2023
<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><u>SOLUBILITY</u></b>					
SOLUBLE	CONFORM	-		Very soluble in water	PH.EUR.*
SOLUBLE	CONFORM	-		Freely soluble in ethanol (96 per cent)	PH.EUR.*
SOLUBLE	CONFORM	-		Practically insoluble in heptane	PH.EUR.*
<b><u>IDENTIFICATION</u></b>					
IDENTIFICACION ROTACIÓN 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%)	9,7 -		9	10,5	PH.EUR.*
IMPUREZA A Y OTROS AMINO COMPUESTOS	0,4 %		-	0,5	PH.EUR.
<b><u>RELATED SUBSTANCES</u></b>					
IMPURITY B	0,3 %		-	0,5	PH.EUR.
IMPURITY C	0,83 %		-	1	PH.EUR.
TOTAL IMPURITIES	1,2 %		-	2	PH.EUR.
UNSPECIFIED IMPURITIES	0,05 %			0,10	PH.EUR.
WATER	0,2 %		-	1	PH.EUR.
SULPHATED ASHES	CONFORM	%	-	0,1	PH.EUR.
ASSAY (ANHYDROUS BASIS)	99,6 %		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><u>RESIDUAL SOLVENTS</u></b>					
DICHLOROMETHANE	CONFORM	MG/KG		50	Manufacture's Standard
METHANOL	CONFORM	MG/KG		200	Manufacture's Standard
<b><u>MICROBIOLOGICAL CONTROL</u></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

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: TL02307107    Manufacturer Code: 56839    Supplier Code: 405159

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TEST	RESULTS	Units	MIN	MAX	METHOD
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
SAMPLING	COLLECT				Manufacture's Standard
CORRECT BATCH	YES				Manufacture's Standard
SPECIFICATION	PH.EUR 11, USP, FCC				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**

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