

CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
D-PANTHENOL 75	9899	12/2024	

PARAMETERS	SPECIFICATION	RESULTS
Colour and Appearance:	Clear Colourless liquid	Comparable to standard
Odour:	Neutral odour	Comparable to standard
D-Panthenol Content	> 75%	77.6
pH Value (10% aqueous solution):	9.5 - 10.5	10.2
Specific Optical rotation:	+ 29° to +32°	30.1
Water Content:	< 1.0%	0.08%
Density @20°C	1.2g/cm ³	Conforms
Free Amines as Aminopropanol	0.0 to 1.0 %	0.3

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Any person using our ingredients in the formulation of their own finished products are solely responsible for ensuring that the use of our ingredients, the finished products, the packaging, labelling and any claims they make with respect to their finished products and the ingredients they contain, comply with their country/state/regional applicable laws and regulations.