

CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
D-PANTHENOL 75	10578	12/2025	

PARAMETERS	SPECIFICATION	RESULTS
Colour and Appearance:	Clear Colourless liquid	Comparable to standard
Odour:	Neutral odour	Comparable to standard
D-Panthenol Content	> 75.0%	79.4
Water Content	< 25.0%	18.1
Aminopropanol	<1.0%	Conforms
pH Value (5% aqueous solution):	5.5 - 7.0	6.5
Specific Optical rotation:	+ 29° to +32°	+30.4
Refractive Index @20°C	1.466 - 1.475	1.472
Density @20°C	1.2g/cm ³	Conforms
Free Amines as Aminopropanol	0.0 to 1.0 %	0.8
Heavy Metals Colourometric	< 10ppm	Conforms

DECLARATION

Aroma Trading Ltd shall not be held liable for any damage resulting from handling, application or processing of our ingredients, since the conditions of use are out of our control. Information provided by Aroma Trading Ltd, including the composition or use of our ingredients, are provided in good faith, based on current technical and scientific knowledge, but without any warranty as to their accuracy or completeness.

Any user of our ingredients shall themselves determine the suitability of our ingredients for their own intended use and as may be the case, obtain the required regulatory approvals for the commercialization of their finished products. 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.

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