

## CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
D-PANTHENOL 75	10203	12/2025	

PARAMETERS	SPECIFICATION	RESULTS
<b>Colour and Appearance:</b>	Clear Colourless liquid	Comparable to standard
<b>Odour:</b>	Neutral odour	Comparable to standard
<b>D-Panthenol Content</b>	> 75%	76.8
<b>pH Value (10% aqueous solution):</b>	9.5 - 10.5	10.1
<b>Specific Optical rotation:</b>	+ 29° to +32°	30.5
<b>Density @20°C</b>	1.2g/cm <sup>3</sup>	Conforms
<b>Free Amines as Aminopropanol</b>	0.0 to 1.0 %	0.8
<b>Heavy Metals Colourometric</b>	< 10ppm	Conforms

### DISCLAIMER

Bay House Ingredients 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 Bay House Ingredients, 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.

Bay House Ingredients hereby disclaim any warranty of suitability of our ingredients, alone or in combination with other products, nor to the information and suggestions that we are providing in respect to the intellectual property rights of third parties. Any person relying on the information and suggestions that we are providing shall do so at their own risk and we will accept no liability whatsoever with respect to them.

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.