



CERTIFICATE OF ANALYSIS

Product Name	D-Panthenol Care (Pro-Vitamin B5, 100% Liquid)		
Batch Number	IV-DP-20260604	Expiry Date	June 2028

ITEMS	SPECIFICATIONS	RESULTS
Identification A	Infrared Absorption	Complies
Identification B	Characteristic deep blue color reaction	Complies
Identification C	Characteristic deep purplish-red color reaction	Complies
Appearance	Colorless, clear, viscous liquid	Conforms
Assay	98 – 102 %	99.45 %
Specific Rotation $[\alpha]^{20D}$	+29° to +31.5°	+30.52°
Refractive Index n^{20D}	1.495 – 1.502	1.497
Water	Not more than 1.0 %	0.19 %
Aminopropanol	Not more than 1.0 %	< 1.0 %
Heavy Metals	10 ppm Max	< 10 ppm
Residue on Ignition	Not more than 0.1 %	0.03 %
Conclusion	Complies with Specification	

This report is not to be signed.

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This certificate reflects the analysis of the batch identified above.

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