

CERTIFICATE OF ANALYSIS

No.0043

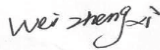
Product Name	75% Dexpanthenol	Manufacture Date	Jan.13,2025
Batch No.	PA2501014	Analysis Date	Jan.19,2025
Lot Size	3360kg	Expiry Date	Jan.12,2027
Executive Standard	Q/XY 001-2023	Order No.	—

Analysis Item	Unit	Specification	Test Method	Result
Appearance	—	A colourless or slightly yellowish, viscous hygroscopic liquid	Eyeballing	Slightly yellowish, viscous hygroscopic liquid
Assay	%	≥75.0	Perchloric acid titration	80.7
Clarity and color of the solution	—	Clear colorless and not deep in B6 solution	Colorimetry	Clear colorless and not deep in B6 solution
pH	—	5.5~7.0	pH meter	6.3
The specific rotation (20℃)	°	+29.0 to +32.0	Polarimeter	+30.8
Moisture	%	≤25	KF	17.0
Refractive	—	1.466~1.475	Abbe refractometer	1.472
Heavy metal (Pb)	ppm	≤10	Colorimetry	<10

Conclusion: This batch of 75% Dexpanthenol meets the requirements of Q/XY 001-2023

Note: The items labelled with * are tested at regular intervals.

QUALITY MANAGER:



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