

CERTIFICATE OF ANALYSIS

Product Name	Provitamin B5 Powder (dl-panthenol)
Product Code	AL00083
INCI Name	dl-panthenol
CAS Number	16485-10-2
Lot Number	20231220
Manufacture Date	12/2023
Re-test Date	12/2025

ITEM	STANDARD	RESULT
Appearance	Well-dispersed white powder	Conform
Identification	infrared absorption A deep blue color develops A deep purplish red color develops	Conform
Assay	99.0% ~ 102.0%	99.8%
Specific Rotation	-0.05 ~ +0.05	0
Residue on ignition	≤ 0.1%	0.02%
Aminopropanol	≤ 0.1%	0.01%
Melting Range	64.5 ~ 68.5°C	65.1 ~ 67.1°C
Loss on drying	≤ 0.5%	0.2%
Heavy metal	≤ 10ppm	Conform

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
 When stored for a period longer than the one specified above, quality should be checked before use.

As it is electronically generated document, hence no signature required

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