



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	CALCIUM-D-PANTOTHENATE 98% FOR BIOCHEMISTRY
Cas No.	137-08-6
Code No.	B-00659
Batch No.	BC12232232
Mfg.Date	JUNE-2024
Date of Analysis	06/06/2024
Retest Date	MAY-2029

TEST	SPECIFICATION	RESULT
Appearance	A white powder; slightly hygroscopic	A white powder; slightly hygroscopic
Assay (on anhydrous basis)	98.0 - 101.0%	100.20%
Identifications	Passes IP tests	Passes
Appearance of solution	Passes IP test	Passes
pH (5% w/v solution in water)	6.8 - 8.0	6.58
Specific optical rotation ([α] _D ²⁰ ; 5.0% w/v solution)	+25.0° to +27.5°	+27.0
Beta alanine	Passes IP test	Passes
Heavy metal (as Pb)	Max 0.002%	0.0003%
Loss on drying (at 105°C)	Max 3.0%	2.40%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on info@biofinechemical.com or call on
+91-7404210730 Website- www.biofinechemical.com