



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	CALCIUM NITRATE (TETRAHYDRATE) AR [13477-34-4]
Code No.	B-00655
Batch No.	BC01251234
Mfg.Date	JAN-2025
Date of Analysis	05/01/2025
Retest Date	JAN-2030

TEST	SPECIFICATION	RESULT
Appearance	Colorless to white crystals	Colorless to white crystals
Assay (as Ca(NO ₃) ₂ ·4H ₂ O)	99 - 103%	99.28%
pH (5% solution in water; 25°C)	5.0 - 7.0	6.83%
Insoluble matter in water	Max 0.005%	0.0036%
Nitrite (NO ₂)	Max 0.001%	0.0008%
Chloride (Cl)	Max 0.005%	0.0033%
Sulphate (SO ₄)	Max 0.005%	0.0021%
Barium (Ba)	Max 0.01%	0.006%
Iron (Fe)	Max 0.0005%	0.00025%
Lead (Pb)	Max 0.001%	0.00065
Magnesium (Mg)	Max 0.05%	0.027%
Potassium (K)	Max 0.005%	0.0028%

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