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Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com
Website : www.technopharmchem.com

CERTIFICATE OF ANALYSIS

Name of the Sample : Calcium Nitrate Tetrahydrate AR
Batch No. : 228745
Date of Mfg. : Aug 2025
Date of Exp : July 2030
Register No. : 2025-26
Qty of Sample : 500gm
Date of Analysis : Aug 2025

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Colorless deliquescent Hygroscopic crystals
2.	Assay	99.72%	Min.99.0%
3.	pH (5% solution)	5.35	4.0 - 6.0
4.	Water-insoluble matter	<0.003%	Max.0.003%
5.	Chloride	<0.001%	Max.0.001%
6.	Sulphate	<0.005%	Max.0.005%
7.	Barium	<0.005%	Max.0.005%
8.	Copper	<0.0005%	Max.0.0005%
9.	Iron	<0.0005%	Max.0.0005%
10.	Lead	<0.0005%	Max.0.0005%
11.	Magnesium	<0.002%	Max.0.002%
12.	Potassium	<0.005%	Max.0.005%
13.	Sodium	<0.01%	Max.0.01%

Chief Chemist