



CERTIFICATE OF ANALYSIS

Product Name	:	CALCIUM NITRATE TETRAHYDRATE 99% AR
Cas No.	:	13477-34-4
Code No.	:	00655
Batch No.	:	PC07231138
Mfg. Date	:	JULY-2023
Date Of Analysis	:	03/08/2023
Retest Date	:	JUNE-2028

TEST	SPECIFICATION	RESULT
Appearance	Colorless to white crystals	Colorless crystals
Assay (as Ca(NO ₃) ₂ ·4H ₂ O)	99.0 – 103.0%	99.34%
pH (5% solution in water; 25°C)	5.0 - 7.0	6.56
Insoluble matter in water	Max 0.005%	0.002%
Nitrite (NO ₂)	Max 0.001%	0.0006%
Chloride (Cl)	Max 0.005%	0.0002%
Sulphate (SO ₄)	Max 0.005%	0.0009%
Barium (Ba)	Max 0.01%	0.008%
Iron (Fe)	Max 0.0005%	0.00021%
Lead (Pb)	Max 0.001%	0.0005%
Magnesium (Mg)	Max 0.05%	0.012%
Potassium (K)	Max 0.005%	0.0018%
Sodium (Na)	Max 0.02%	0.005%
Strontium (Sr)	Max 0.05%	0.013%

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

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

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on **022 4928 4000**

Website: www.pallavchemicals.com