



CERTIFICATE OF ANALYSIS

Product Name	:	CALCIUM NITRATE TETRAHYDRATE 99% AR
Cas No.	:	13477-34-4
Code No.	:	00655
Batch No.	:	PC09241607
Mfg. Date	:	SEP-2024
Date Of Analysis	:	16/09/2024
Retest Date	:	AUG-2029

TEST	SPECIFICATION	RESULT
Appearance	Colorless to white crystals	Colorless crystals
Assay (as Ca(NO ₃) ₂ ·4H ₂ O)	99.0 – 103.0%	100.05%
pH (5% solution in water; 25°C)	5.0 - 7.0	5.80
Insoluble matter in water	Max 0.005%	0.0023%
Nitrite (NO ₂)	Max 0.001%	0.0008%
Chloride (Cl)	Max 0.005%	0.001%
Sulphate (SO ₄)	Max 0.005%	0.0016%
Barium (Ba)	Max 0.01%	0.004%
Iron (Fe)	Max 0.0005%	0.00017%
Lead (Pb)	Max 0.001%	0.0008%
Magnesium (Mg)	Max 0.05%	0.016%
Potassium (K)	Max 0.005%	0.0015%
Sodium (Na)	Max 0.02%	0.004%
Strontium (Sr)	Max 0.05%	0.012%

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