



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	:	<b>CALCIUM NITRATE (TETRAHYDRATE) AR</b>
<b>Code No.</b>	:	<b>00655</b>
<b>Batch No.</b>	:	<b>PC/1217/19-3</b>
<b>Mfg. Date</b>	:	<b>FEB-2020</b>
<b>Date Of Analysis</b>	:	<b>12/02/2020</b>
<b>Retest Date</b>	:	<b>JAN-2025</b>

TEST	SPECIFICATION	RESULT
Appearance	Colorless to white crystals	Colorless crystals
Assay (as Ca(NO <sub>3</sub> ) <sub>2</sub> .4H <sub>2</sub> 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 <sub>2</sub> )	Max 0.001%	0.0008%
Chloride (Cl)	Max 0.005%	0.0033%
Sulphate (SO <sub>4</sub> )	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%
Sodium (Na)	Max 0.02%	0.014
Strontium (Sr)	Max 0.05%	0.023%

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](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)

