



CERTIFICATE OF ANALYSIS

Product Name	:	CALCIUM CHLORIDE DIHYDRATE 99% AR
Cas No.	:	10035-04-8
Code No.	:	00637
Batch No.	:	PC12242404
Mfg. Date	:	DEC-2024
Date Of Analysis	:	23/12/2024
Retest Date	:	NOV-2029

TEST	SPECIFICATION	RESULT
Appearance	White hygroscopic crystalline powder	White hygroscopic crystalline powder
Assay (complexometric)	99.0 - 105.0%	101.1%
Solubility	Freely soluble in water, in alcohol, and in boiling alcohol; very soluble in boiling water	Complies
Identification	To comply USP tests	Complies
pH (5% solution in water; 25°C)	4.5 - 8.5	6.45
Insoluble matter (10% in water)	Max 0.01%	0.0034%
Sulphate (SO ₄)	Max 0.01%	0.0078%
Ammonium (NH ₄)	Max 0.005%	0.00029%
Heavy metal (as Pb)	Max 0.0005%	0.00015%
Iron, aluminium & phosphate	To comply USP test	Complies
Barium (Ba)	Max 0.005%	0.0018%
Iron (Fe)	Max 0.001%	0.0004%
Potassium (K)	Max 0.01%	0.0017%
Magnesium (Mg)	Max 0.01%	0.0004%
Magnesium & alkali salts	Max 0.5%	0.06%
Sodium (Na)	Max 0.02%	0.009%
Strontium (Sr)	Max 0.1%	0.04%
Oxidizing substances (as NO ₃)	Max 0.003%	0.00034%

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