CERTIFICATE OF ANALYSIS

PRODUCT NAME : CALCIUM CHLORIDE (DIHYDRATE) AR

CAS No	**: 10035-04-8**	**Product code**	**: 22460**
Mol. Formula	**: $CaCl_2.2H_2O$**	**Batch No.**	**: MCRT-30183**
Mol. WT	**: 147.02**	**Mfd.**	**: Jan. 2024**
Date of analysis	**: 15/01/24**	**Exp.**	**: Dec. 2028**

S.R	Test	Specification	Observation
1	**Description**	White flakes or crystals or crystalline powder.	White crystalline powder.
2	**Assay**	99 - 102% w/w	99.28%
3	**pH (5% aq solution)**	4 - 8	7.44
4	**Insoluble matter**	0.01% max	0.006%
5	**Sulphate (SO_4)**	0.005 % max	<0.005 %
6	**Oxidising Substances (as NO_3)**	0.003% max	<0.003%
7	**Heavy metals (as Pb)**	0.0005 % max	<0.0005 %
8	**Barium (Ba)**	0.005% max	<0.005%
9	**Ammonium (NH_3)**	0.005% max	<0.005%
10	**Iron (Fe)**	0.001% max	<0.001%
11	**Potassium (K)**	0.01% max	<0.01%
12	**Magnesium (Mg)**	0.005% max	<0.005%
13	**Sodium (Na)**	0.02% max	<0.02%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By] **[QC Incharge]**

CHEMIST
(Deepa)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.