

LEONID QUALITY OUR FORTE	LEONID CHEMICALS PVT. LTD.					
	FINISHED GOODS SPECIFICATION					
Department: Quality Control		Location:	All Units	Specification No.	LC/AU/QC/FGS/C070/04	
Specification: CALCIUM CHLORIDE DIHYDRATE AR					Product Code: C070	
Issue date	18/08/2025	Effective date		20/08/2025	Review date	17/08/2028
Version No.:	04	Supersedes		28/08/2023	Page 1 of 2	

PRODUCT DETAILS

1	Molecular Formula	CaCl ₂ . 2H ₂ O
2	Product code	C070
3	Molecular weight	147.01
4	CAS No	10035-04-8
5	Hazard Statement	---
6	Precautionary Statement	---
7	UN No.	---

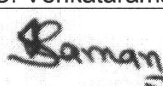

PACKING DETAILS

	Product code	Pack size
1	C07010	500 g
2	C07013	5 Kg

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	White crystalline powder.
2	Assay	Min. 97.0%
3	pH (2% aqueous suspension)	Between 5.0 to 7.5
4	Insoluble matter	Not more than 0.003%
5	Acidity (as HCl)	Not more than 0.001%
6	Alkalinity (Ca(OH) ₂)	Not more than 0.004%
7	Nitrate (NO ₃)	Not more than 0.002%
8	Sulphate (SO ₄)	Not more than 0.005%
9	Ammonium (NH ₄)	Not more than 0.005%
10	Arsenic (As)	Not more than 0.0001%
11	Copper (Cu)	Not more than 0.001%
12	Iron (Fe)	Not more than 0.0003%
13	Lead (Pb)	Not more than 0.001%
14	Magnesium (Mg)	Not more than 0.02%

SL. No.	TEST PARAMETERS	LIMITS
15	Potassium (K)	Not more than 0.005%
16	Sodium (Na)	Not more than 0.02%

	Prepared by	Checked by	Approved by
Name	Latha	M.Vijayababu	S. Venkataraman
Signature			
Date	18/08/2025	18/08/2025	18/08/2025



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SAFETY SYMBOLS



Harmful / Irritant

	Prepared by	Checked by	Approved by
Name	Latha	M. Vijayababu	S. Venkataraman
Signature			
Date	18/08/2025	18/08/2025	18/08/2025