Qualikems Lifesciences Pvt. Ltd.

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CERTIFICATE OF ANALYSIS

Name of Product	:	Calcium Chloride Dihydrate	**CAS No.**	:	10035-04-8
Molecular Formula	:	$CaCl_2.2H_2O$	**Molecular Weight**	:	147.02 g/mole
Batch No.	:	QF2610268	**Grade**	:	LR
Mfg. Date	:	October-2026	**Retest. Date**	:	September-2031

Sr. No.	Tests	Specification	Observation
1	Appearance	white Hygroscopic Crystalline powder	Complies
2	Assay	99.0 -103 %	99.63 %
	Maximum limits of impurities:#		
3	Free alklali(as $Ca(OH)_2$)	0.0025%	0.0014%
4	Free acid(as HCl)	0.0024%	0.0016 %
5	Fluoride(F)	0.004%	0.003 %
6	Sulphate(SO_4)	0.005%	0.002 %
7	Heavy metal(as Pb)	0.001%	0.0006%
8	Aluminum(Al)	0.0001%	0.00002 %
9	Arsenic(As)	0.0002%	0.0001 %
10	Barium(Ba)	0.08%	0.05 %
11	Iron(Fe)	0.001%	0.0006%
12	Zinc(Zn)	0.0025%	0.0014 %
13	Magnesium & alkaline metals	0.2 %	0.1 %
14	Substances precipitated by ammonia(Al, Fe, PO4)	0.15 %	0.06 %

Conclusion: Product complies as per above specification.

Note: This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

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