



# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

<b>Name of Product</b>	: Calcium Chloride Dihydrate	<b>CAS No.</b>	: 10035-04-8
<b>Molecular Formula</b>	: $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$	<b>Molecular Weight</b>	: 147.02 g/mole
<b>Batch No.</b>	: QF2512022	<b>Grade</b>	: AR
<b>Mfg. Date</b>	: December-2025	<b>Retest. Date</b>	: November-2030

Sr. No.	Tests	Specification	Observation
1	Appearance	Opaque deliquescent white powder	Complies
2	Assay	Min 99.5 %	99.78 %
3	pH(5% water)	4-8	6.46
<b>Maximum limits of impurities: #</b>			
4	Sulphate( $\text{SO}_4$ )	0.005%	< 0.005 %
5	Total nitrogen(N)	0.002%	0.0008%
6	Lead (as Pb)	0.0002%	0.0001%
7	Barium(Ba)	0.08%	0.06 %
8	Iron(Fe)	0.001%	< 0.001%
9	Potassium(K)	0.01%	0.004 %
10	Copper(Cu)	0.0005%	0.0003%
11	Magnesium(Mg)	0.005%	0.002 %
12	Sodium(Na)	0.01%	0.004 %
13	Strontium(Sr)	0.05%	0.03%
14	Insoluble ammonium hydroxide precipitate	0.01%	0.006 %
15	Oxidizing substances(as $\text{NO}_3$ )	0.003%	0.002 %

**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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