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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : Calcium Chloride Dihydrate  
**Batch No.** : 227699  
**Date of Mfg.** : June 2024  
**Date of Exp** : May 2029  
**Register No.** : 2024-25  
**Qty of Sample** : 500gm  
**Date of Analysis** : June 2024

S.No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A White hygroscopical Powder, soluble in water
2.	Assay	100.2% CaCl <sub>2</sub> .2H <sub>2</sub> O	99.0 – 103.0%
3.	Fluoride	0.004%	Max.0.004%
4.	Sulphate	0.005%	Max.0.005%
5.	Heavy metals	0.0002%	Max.0.001%
6.	Aluminium	0.0001%	Max.0.0001%
7.	Arsenic	0.0002%	Max.0.0002%
8.	Barium	0.048%	Max.0.08%
9.	Iron	0.0008%	Max.0.001%
10.	Zinc	0.0012%	Max.0.0025%
11.	Magnesium & alkaline metals	0.11%	Max.0.2%
12.	Substances precipitated by ammonia (Al , Fe , PO <sub>4</sub> )	0.084%	Max.0.15%

**Chief Chemist**