

CERTIFICATE OF ANALYSIS

Product Name	CALCIUM CHLORIDE DIHYDRATE 99.5% MOLECULAR BIOLOGY		
CAS No.	10035-04-8	Code No.	00638
Batch No.	CS07240990	Date of Analysis	13/07/2024
Mfg. Date	July-2024	Mol.Weight (g/mol)	147.02
Expiry Date	June-2029	Mol. Formula	CaCl ₂ .2H ₂ O

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	White hygroscopic crystalline powder	White hygroscopic crystalline powder
2	Assay (titration)	Min 99.0%	99.48%
3	Solubility (20°C)	1000 g/l (H ₂ O)	Complies
4	Melting point	175°C	175°C
5	DNAase/RNAase/Proteases	Not detectable	Not detectable
6	Fluoride (F)	Max 0.005%	0.0021%
7	Sulphate (SO ₄)	Max 0.005%	0.0036%
8	Aluminium (Al)	Max 0.0001%	0.00004%
9	Arsenic (As)	Max 0.0001%	0.000035%
10	Copper (Cu)	Max 0.0005%	0.00024%
11	Iron (Fe)	Max 0.001%	0.00034%
12	Lead (Pb)	Max 0.0005%	0.00027%
13	Zinc (Zn)	Max 0.0005%	0.00019%

Remark: This product complies as per the specifications of Chemnovo.

This is an electronically generated certificate and is valid without a signature.

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CSPL/QC/F/04