

JIAAN BIOTECH, PITHAMPUR, MP
(AN ISO 9001,14001,45001,ISO 22000, GMP & HACCP Certified Company)
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QUALITY CONTROL DEPARTMENT
CERTIFICATE OF ANALYSIS (FINISHED PRODUCT)

Name of Product	Calcium Lactate (FCC)		
A.R.Number	: QC/01805/25	Batch No.	: CP/CL/004/05/25
Date of Mfg.	: 05/2025	Date of Exp.	: 04/2027
Date of Receipt	: 23/05/2025	Packed Size	: 1 X 25 kg.
Sampled Quantity	: 50 g.	Date of Release	: 28/05/2025

Sr. No.	TEST	SPECIFICATION	RESULT
1.0	Description	White, Practically odorless granules or powder.	Complies
2.0	Solubility	Soluble in water, Freely soluble in Hot water and it is practically insoluble in alcohol (95%)	Complies
3.0	Identification.		
	A BY Chemically	Test for Calcium Salts	Complies
	B BY IR	Test for Lactate	Complies
4.0	Acidity or Alkalinity	As per I.P (0.45% as lactic acid).	Complies
5.0	Arsenic	NMT 2 ppm	LT 2 ppm
6.0	Iron	NMT 80 ppm	LT 80 ppm
7.0	Sulphates	NMT 1500 ppm	LT 1500 ppm
8.0	Chlorides	NMT 200 ppm	LT 200 ppm
9.0	Heavy metals	NMT 0.002%	LT 20 ppm
10.0	Reducing Sugar	NMT 1.0 %	LT 1.0%
11.0	Loss on drying	NMT 30%	26.44%
12.0	Assay (By Titration)	98.0% to 102.0%	98.78%

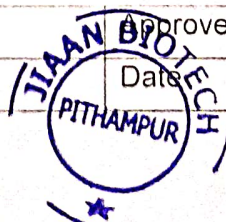
Remarks: The Material Qualifies IP/USP/BP/FCC/IH test report as per above specification.

Analysed by

28/05/2025

Date

Sheikamshy



Approved By

28/05/2025

Date

[Signature]