
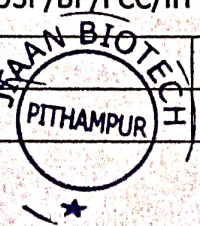


JIAAN BIOTECH, PITHAMPUR, MP (AN ISO 9001,14001,45001,ISO 22000, GMP & HACCP Certified Company) Email: Sales@jiaanbiotech.com ; website: www.jiaanbiotech.com	
QUALITY CONTROL DEPARTMENT	
CERTIFICATE OF ANALYSIS (FINISHED PRODUCT)	

Name of Product	Calcium Lactate BP		
A.R.Number	: QC/01708/25	Batch No.	: CP/CL/005/04/25
Date of Mfg.	: 04/2025	Date of Exp.	: 03/2027
Date of Receipt	: 05/04/2025	Packed Size	: 1 X 25 kg.
Sampled Quantity	: 50 g.	Date of Release	: 10/04/2025

Sr. No.	TEST	SPECIFICATION	RESULT
1.0	Description.	White or almost white, crystalline or granular powder Slightly efflorescent.	Complies
2.0	Solubility	Soluble in water, freely soluble in Boiling Water; it is practically insoluble in alcohol (96%).	Complies
3.0	Identification. A BY Chemically B BY IR	Test for Calcium Salts. Test for Lactate	Complies Complies
4.0	Acidity or Alkalinity	As per BP (0.45% as lactic acid).	Complies
5.0	Loss on drying	NMT 22.0% to 27.0%(Dry at 125°C for 4 hrs.)	2.48%
6.0	Volatile fatty Acid	As per USP	Complies
7.0	Chlorides	NMT 200 ppm	LT 200 ppm
8.0	Iron	NMT 50 ppm	LT 50 ppm
9.0	Sulphates	NMT 400 ppm	LT 400 ppm
10.0	Barium	Opalescence's In solution is not more intense	Complies
11.0	Limit of Magnesium of alkali salts	NMT 1.0% & Residue NMT 5.0 mg.	0.36% & 4.0mg
12.0	Organic volatile impurities	Meets the requirement.	Complies
13.0	Assay (By Titration)	98.0% to 101.0%	100.88%

Remarks: The Material Qualifies IP/USP/BP/FCC/IH test report as per above specification.			
Analysed by	<i>Shailan Shukla</i>	Checked By	<i>[Signature]</i>
Date	10/04/2025	Date	10/04/2025



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