
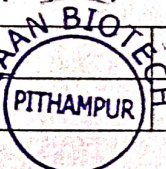


JIAAN BIOTECH, PITHAMPUR, MP (AN ISO 9001,14001,45001,ISO 22000, GMP & HACCP Certified Company) Email: Sales@jiaanbiotech.com ; website: www.jiaanbiotech.com	
QUALITY CONTROL DEPARTMENT	
CERTIFICATE OF ANALYSIS (FINISHED PRODUCT)	

Name of Product	Calcium Lactate Pentahydrate USP		
A.R.Number	: QC/01708/25	Batch No.	: CP/CL/002/04/25
Date of Mfg.	: 04/2025	Date of Exp.	: 03/2027
Date of Receipt	: 03/04/2025	Packed Size	: 1 X 25 kg.
Sampled Quantity	: 50 g.	Date of Release	: 08/04/2025

Sr. No.	TEST	SPECIFICATION	RESULT
1.0	Description.	White, Practically odorless granules or powder.	Complies
2.0	Solubility	The Pentahydrate is soluble in water; it is practically insoluble in alcohol.	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 USP (0.45% as lactic acid).	Complies
5.0	Loss on drying	22.0% to 27.0% (Dry at 120°C for 4 hrs.)	26.48%
6.0	Volatile fatty Acid	As per USP	Complies
7.0	Heavy metals	NMT 0.002%	Complies
8.0	Limit of Magnesium of alkali salts	NMT 1.0% & Residue NMT 5.0 mg.	0.36% & 4.0mg
9.0	Organic volatile impurities	Meets the requirement.	Complies
10.0	Assay (By Titration)	98.0% to 101.0%	98.87%

Remarks: The Martial Qualifies IP/USP/BP/ECC/IHtest report as per above specification.			
Analysed by	<i>Sheilansha</i>	Checked By	<i>[Signature]</i>
Date	08/04/2025	Date	08/04/2025



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