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CERTIFICATE OF ANALYSIS

Product	Dibasic Calcium Phosphate Anhydrous
Grade	IP

Report No.	Batch No.	Batch Quantity	Mfg :Date	Exp: Date	Quantity	Drug lic no.
#04/23-24	#04/23-24	5000 kg	April-2023	5 Years	100 gm	G- 1498

General Characteristics

Appearance	White or almost white, crystalline granules	Complies
Taste	Tasteless	Complies
Odor	Odorless	Complies
Solubility	Practically insoluble in water and in ethanol(96 percent) It Dissolve in dilute hydrochloric acid and in dilute nitric acid	Complies Complies

CHEMICAL ANALYSIS

Properties	Unit	Mini	Maxi	Result
Identification A, B & C	--	--	--	Complies
Acid insoluble substances	%	--	0.2%	0.070%
Carbonates	--	To Confirm Test	To Confirm Test	Complies
Chlorides	Ppm	00	2500	750
Fluorides	Ppm	--	50	21
Sulphates	%	--	0.5	0.4
Arsenic	Ppm	--	3	Complies
Barium	--	To Confirm Test	To Confirm Test	Complies
Heavy metals (as Pb)	Ppm	--	40	32
Iron	Ppm	--	400	260
Loss on ignition(800°C to 825°)	%	6.6%	8.5%	7.70%
Mono Calcium & Tri Calcium Phosphate	ml	11	12.5	11.6
Assay	%	98	105	100.81

Microbiological Analysis

Total Aerobic microbial count	In House	Cfu/gm	--	1,000	Complies
Total yeast and mold count		Cfu/gm	--	100	Complies
Escherichia Coli		Absent/g	--	Absent/g	Complies
Salmonella		Absent/g	--	Absent/g	Complies

OPINION: The above product is declared as standard quality.

	Analyzed by	Checked by	Approved by
Signature	Gaurang Patel 	Kiran Mistry 	Rushil Barot