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## Certificate of Analysis

<b>Product</b>	Dibasic Calcium Phosphate Anhydrous Granules (DC Grade)					
<b>Grade</b>	IP/BP/USP					
<b>Report No.</b>	<b>Batch No.</b>	<b>Batch Quantity</b>	<b>Mfg.: Date</b>	<b>Exp: Date</b>	<b>Quantity</b>	<b>Drug lic no.</b>
#03/23-24	#03/23-24	3000 kg	June-2023	5 Years	100 gm	G- 1498

### GENERAL CHARACTERISTICS

<b>Appearance</b>	Free Flowing White Granules	Complies
<b>Taste</b>	Tasteless	Complies
<b>Odor</b>	Odorless	Complies
<b>Solubility</b>	In Ethanol& Water – Insoluble	Complies
	In Dilute Hydrochloride Acid – Soluble in	Complies
	Dilute Nitric Acid – Soluble	Complies

### CHEMICAL ANALYSIS

Properties	Method	Unit	Mini	Maxi	Result
Identification	USP	--	To Comply with the Test		Complies
Acid insoluble substances	USP	%	--	0.2	0.074
Carbonates	USP	--	To Comply with the Test		Complies
Chloride	USP	%	--	0.25	< 0.25
Fluoride	USP	ppm	--	50	18
Sulphate	USP	%	--	0.5	<0.5
Arsenic	USP	ppm	--	3	< 3
Barium	USP	--	To Comply with the Test		Complies
Heavy metals	IH	ppm	--	30	< 30
Lead*	ICP-MS	ppm	--	1.0	Complies
Cadmium*	ICP-MS	ppm	--	1.0	Complies
Mercury*	ICP-MS	ppm	--	0.1	Complies
Assay CaHPO <sub>4</sub>	USP	%	98.0	103.0	100.14
Loss on ignition (800°C to 825°)	USP	%	6.6	8.5	8.04

Test Done at Regular Interval

### MICROBIOLOGICAL ANALYSIS

Test	Location	Method	Limit	Result
Total Aerobic count	In House	Cfu/gm	--	1,000
Total yeast and mold count		Cfu/gm	--	100
Escherichia Coli		Absent/g	--	Absent/g
Salmonella		Absent/10g	--	Absent/10g

### PHYSICAL ANALYSIS

<b>Particle size/Sieve Analysis</b>	<b>In House</b>	1.0% Maxi. Retained on 20# BSS (841 micron)	0.0
		2.0% Maxi. Retained on 40#BBS (400 micron)	0.2
		40.0% Mini. Retained on 100#BBS (149 micron)25.0% maxi. thru on 200#BBS (74 micron)	60.4
		5.0% maxi thru on 325# BBS (44 micron)	10
			2.5

**PARTICLE SIZE CAN BE ADJUSTED AND UPDATED AS PER THE CUSTOMER REQUIREMENT**

<b>Shelf Life</b>	
Expiry/Re-Test Period: 5 Years after Date of Manufacture	
<b>Quality Assurance/Certificate</b>	
ISO	SBF Pharma Is ISO 9001:2015 Certified. Certificate No: 21DQHR27
Halal	Our Product is Strictly Halal. Certificate No: 20ZKCM5040HL
Kosher	Our Product is Strictly Kosher. Certificate No: UQ-1102101
Note	All Certificates are Available on Request
<b>Certificate of Compliance</b>	
GMO	The Product Does Not Contain any genetically Modified Organisms (GMO) or Raw Materials Used in Manufacturing of the same are also not Genetically Modified.
Non – Irradiation	The Product was Never Subjected to any kind of Ionized Irradiation and Contains no Radioactivity not even in Monir Amounts.
Allergens	The Product Does Not Contain any of the Below mentioned Allergens: Cereals Containing Gluten, Crustaceans, Eggs, Fish, Peanuts, Tree nuts, Soybeans, Milk, sesame, Seeds, Sulphur Dioxide and Sulphate (Concentrations > 10mg/kg)
TSE/BSE	The Product is not Derived from animal/plant origin & hence this Product I free From Transmissible Spongiform Encephalopathy (TSE) and Bovine Spongiform Encephalopathy (BSE). It is Synthetically Derived
Residual Solvent	Class 1, Class 2, Class 3 & Table 4 Solvents are not used in the Production of Product.
Vegetarians/Vegans	Our Product is Suitable for Consumption by Vegetarians and vegans
Storage Recommendations	Store in a room temperature avoid direct sunlight.

<b>Analyzed By</b>	<b>Approved By</b>
Kalpesh Nadiya	Kiran Mistry
	