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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : Calcium Phosphate Orthophosphate dihydrate  
(calcium phosphate dibasic)  
**Batch No.** : 226030  
**Date of Mfg** : Sep 2022  
**Date of Exp.** : Aug 2027  
**Register No.** : 2022-23  
**Qty of Sample** : 500gm  
**Date of Analysis** : Sep 2022

S.No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A White Powder
2.	Assay (complexometric)	100.12%	98 – 105%
3.	Substances insoluble in HCl	< 0.2%	Max.0.2%
4.	Calcium hydrogen & tri- Calcium phosphate	Passes	To Pass test
5.	Carbonate (as CO <sub>3</sub> )	Passes	To Pass test
6.	Chloride	< 0.125%	Max.0.125%
7.	Fluoride	< 0.005%	Max.0.005%
8.	Sulphate	< 0.5%	Max.0.5%
9.	Heavy metal (as Pb)	< 0.003%	Max.0.003%
10.	Arsenic	< 0.0001%	Max.0.0001%
11.	Iron	< 0.04%	Max.0.04%
12.	Loss on ignition at 800°C	25.2%	24.5 – 26.5%

Chief Chemist