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CERTIFICATE OF ANALYSIS

Name of the Sample : Calcium Phosphate Tribasic (tri Calcium Phosphate)
Batch No. : 228133
Date of Mfg. : Nov 2024
Date of Exp. : Oct 2029
Register No. : 2024-25
Qty of Sample : 500 gm
Date of Analysis : Nov 2024

S. No	Test Parameters	Observed Values	Standard Values
1.	Appearance	Passes	A White amorphous powder
2.	Assay calculated as $\text{Ca}_3(\text{PO}_4)_2$	99.3%	99.0 – 100.5%
3.	Loss on ignition (1gm at 800°C, 30 minutes)	5.12%	Max.8.0%
4.	Water	1.64%	Max.2.5%
5.	Acid insoluble substances	<0.3%	Max.0.3%
6.	Water soluble substances	<0.5%	Max.0.5%
7.	Chloride	<0.1%	Max.0.1%
8.	Sulphate	<0.5%	Max.0.5%

Chief Chemist