

CERTIFICATE OF ANALYSIS

Product Name	CALCIUM HYDROGEN PHOSPHATE ANHYDROUS 98% EXTRAPURE		
CAS No.	7757-93-9	Code No.	00648
Batch No.	CS12232198	Date of Analysis	15/12/2023
Mfg. Date	Dec-2023	Mol.Weight (g/mol)	136.06
Expiry Date	Nov-2028	Mol. Formula	CaHPO ₄

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	White powder	White powder
2	Assay	98 - 105%	102.15%
3	Identifications	To comply IP tests	Complies
4	Acid insoluble matter	Max 0.1%	0.05%
5	Arsenic (As)	Max 0.001%	0.0008%
6	Heavy metal (as Pb)	Max 0.004%	0.00002%
7	Barium (Ba)	To comply IP tests	Complies
8	Iron (Fe)	Max 0.04%	0.006%
9	Chloride (Cl)	Max 0.125%	0.03%
10	Carbonate (as CO ₂)	To comply IP tests	Complies
11	Sulphate (SO ₄)	Max 0.5%	0.03%
12	Nitrate (NO ₃)	To comply IP tests	Complies
13	Fluoride (F)	Max 0.005%	0.0002%
14	Reducing substance	To comply IP tests	Complies
15	Proteinous impurities	To comply IP tests	Complies
16	Monocalcium & tricalcium phosphates	To comply IP tests	Complies
17	Loss on ignition (at 500°C)	6.5-8.5%	8.34%

Remark: This product complies as per the specifications of Chemnovo.

This is an electronically generated certificate and is valid without a signature.

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CSPL/QC/F/04