

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Calcium Hydrogen Orthophosphate Anhydrous 98 % Extrapure

Catalog Number : O-5283

Batch Number : 5283-00000000

CAS Number : 7757-93-9

Molecular Weight : 136.06 g/mol

MoL. Formula : CaHPO₄

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	White powder	White powder
2	Assay (Complexometric)	98.0 - 105 %	98.65%
3	Solubility	Solubility in dilute HCl	complies
4	Acid insoluble matter	max 0.1 %	0.052%
5	Carbonate (as CO ₂)	to comply BP test	complies
6	Chloride (Cl)	max 0.125 %	0.025%
7	Fluoride (F)	max 0.005 %	< 0.005 %
8	Sulphate (SO ₄)	max 0.5 %	0.035%
9	Heavy metals (as Pb)	max 0.004 %	0.00022%
10	Arsenic (As)	max 0.001 %	0.00078%
11	Barium (Ba)	complies	complies
12	Iron (Fe)	max 0.04 %	0.0065%
13	Nitrate (NO ₃)	to comply BP test	complies
14	Reducing substances	to comply BP test	complies
15	Proteinous substances	to comply BP test	complies
16	Monocalcium & tricalcium phosphates	to comply BP test	complies
17	Loss on ignition at 500 °C	6.5 - 8.5 %	7.57%

Corresponds to Extrapure Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC