

TIQ-F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Calcium Hydrogen Orthophosphate Dihydrate 98 % Extrapure

Catalog Number : O-5280

Batch Number : 5280-00000000

CAS Number : 7789-77-7

Molecular Weight : 172.1 g/mol

Mol. Formula : $\text{CaHPO}_4 \cdot 2\text{H}_2\text{O}$

Expire Date : 60 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	White powder	White powder
2	Assay (Complexometric)	98.0 - 102.5 %	99.62%
3	Solubility	Solubility in dilute HCl	complies
4	Substance insoluble in HCl	max 0.2 %	0.06%
5	Carbonate (as CO_3)	passes test	complies
6	Chloride (Cl)	max 0.025 %	0.012%
7	Fluoride (F)	max 0.005 %	< 0.005 %
8	Sulphate (SO_4)	max 0.5 %	0.14%
9	Heavy metals (as Pb)	max 0.003 %	0.00026%
10	Arsenic (As)	max 0.0001 %	0.00006%
11	Barium (Ba)	complies	complies
12	Iron (Fe)	max 0.04 %	0.011%
13	Loss on ignition at 800 °C	24.5 - 26.5 %	25.57%

Corresponds to Extrapure Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC