

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Di-Calcium Phosphate
2. Alternate Names	Calcium hydrogen orthophosphate
3. CAS Number	7757-93-9
4. Formula	CaHPO ₄
5. Mol. Weight	136.06 g/mol
6. Batch No & Mfg. Date	As mentioned on Label
7. Date Of Exp	3 Years From MFG Date
8. Date of Analysis	

Sr.No.	Test	Observation
1	Description	White powder, odourless.
2	Solubility	Complies with I.P.
3	Identification	Complies with I.P.
4	Acid-Insoluble Substances	0.086% [Max-0.1% w/w]
5	Arsenic	Absent [Max-10ppm]
6	Heavy Metals	Complies with I.P.
7	Barium	Complies with I.P.
8	Iron	Complies with I.P. [Max-400ppm]
9	Carbonate	Absent
10	Chloride	Complies with I.P. [Max-500ppm]
11	Sulphate	Complies with I.P. [Max-0.5% w/w]
12	Nitrate	Complies with I.P.
13	Reducing Substances	Complies with I.P.
14	Proteinous Impurities	Complies with I.P.
15	Monocalcium & Tri-Calcium Phosphates	11.3 ml [11ml to 12.5ml of IM HCl]
16	Loss on Ignition	25.8% [24.5-26.5% w/w]
17	Assay	99.6% [Min-98% w/w]