

ANALYSIS REPORT

Sample Description - PHOSPHO GYPSUM
(By Product of Rock Based Dicalcium Phosphate)
Physical Status - Brown crystalline.

Chemical Composition (On Dry Basis)

S.No.	Parameter	Analysis %(w/w)
1	Free moisture	15-20
2	Purity as CaSo4.2H2O	> 90
3	Silica and insoluble's	1.9
4	Sulphates as so ₄	55.1
5	Total P2O5	3
6	W.S.P2O5	0.50
7	PH of 5% Solution	3.75
8	Iron as Fe2O3	0.03
9	Aluminum as Al2O3	0.2
10	Calcium as CaO	31.0
11	Magnesium as MgO	0.04
12	Sodium as Na2O	0.3
13	Potassium as K2O	0.02
14	Fluoride compounds as F	0.75
15	Chloride as Cl	0.0006
16	Bulk density gm/cc	1.15
17	Lead as Pb	Nil
18	Cadmium as Cd	Nil
19	Nickel as Ni	0.004
20	Chromium as Cr	0.0035
21	Mercury as Hg	Traces
22	Arsenic as As2O3	Nil