Chemical Analysis of Phosphate Ore								
Parameter	**Unit**	**Result**						
P_2O_5	%	30.0 Min.	29.0 Min.	28.0 Min.	27.0 Min.	26.0 Min.	25.0 Min.	24.0 Min.
BPL	%	65.55 Min.	63.36 Min.	61.18 Min.	59.00Min.	56.81 Min.	54.62 Min.	52.44 Min.
CaO	%	48 Max.	47 Max.	46 Max.	44 Max.	43 Max.	40 Max.	38 Max.
Al_2O_3	%	1.0 Max.	1.0 Max.	1.1 Max.	1.3 Max.	1.4 Max.	1.55 Max.	1.8 Max.
Fe_2O_3	%	3.0 Max.	3.0 Max.	3.3 Max.	3.3 Max.	3.5 Max.	4.1 Max.	4.1 Max.
SiO_2	%	4 Max.	5 Max.	5 Max.	3.0 – 5.0 Max.	6.5 Max.	6.5 Max.	6.5 Max.
SO_3	%	4.5 Max.	4.5 Max.	4.5 Max.	4.5 Max.	4.5 Max.	4.5 Max.	4.5 Max.
CO_2	%	6.0 Max.	6.0 Max.	6.5 Max.	6.5 Max.	6.5 Max.	6.5 Max.	6.5 Max.
MgO	%	1.0 Max.	1.0 Max.	1.3 Max.	1.4 Max.	1.5 Max.	1.8 Max.	2.0 Max.
Moisture	%	3.0 – 5.0 Max.	3.0 – 5.0 Max.	3.0 – 5.0 Max.	3.0 – 5.0 Max.	3.0 – 5.0 Max.	3.0 – 5.0 Max.	3.0 – 5.0 Max.
Cl	%	0.10 Max.	0.10 Max.	0.10 Max.	0.1 Max.	0.1 Max.	0.1 Max.	0.1 Max.
F	%	4.0 Max.	4.0 Max.	4.0 Max.	4.0 Max.	4.0 Max.	4.0 Max.	4.0 Max.
Solubility in 2% Citric Acid	%	43.0 Max.	40.0 Max.	40.0 Max.	40.0 Max.	35.0 Max.	35.0 Max.	35.0 Max.
Solubility in 2% Formic Acid	%	48.0 Max.	46.0 Max.	44.0 Max.	44.0 Max.	40.0 Max.	40.0 Max.	38.0 Max.
Na_2O	%	1.0 Max	1.0 Max	1.0 Max	1.0 Max	1.0 Max	1.0 Max	1.0 Max
K_2O	%	0.25 Max.	0.25 Max.	0.25 Max.	0.25 Max.	0.25 Max.	0.25 Max.	0.25 Max.
Organic Matter as C	%	0.9 Max.	0.9 Max.	0.9 Max.	0.9 Max.	0.9 Max.	0.9 Max.	0.9 Max.
L.O.I	%	6.5 Max.	6.5 Max.	6.5 Max.	6.5 Max.	6.5 Max.	6.5 Max.	6.5 Max.