



Esfordi Phosphate Mining & Industrial Complex

Phosphate Concentrate Analysis	
Test	Result Wt %
P ₂ O ₅	36,0 ± 1
Fe ₂ O ₃	3,7 ± 1
CaO	0,0 ± 0,4
SiO ₂	3,0 ± 1
MgO	1 ± 0,0
Al ₂ O ₃	0,20
Na ₂ O	0,26
K ₂ O	0,04
SO ₃	0,00
CO ₂	1 ± 0,0
F	2 ± 1
CL	0,18 ± 0,03
Cd	1,0 ± 0 ppm

Screen Analysis				
Size		% W	% CUM	
Mesh - ASTM	Micron		Over	Under
+70	+210	0,0	-	-
-70 +100	-210 +149	0,4	0,4	-
-100 +150	-149 +100	3,0	3,4	99,6
-150 +200	-100 +74	7,0	10,4	96,6
-200 +270	-74 +53	10,1	20,0	89,6
-270 +400	-53 +37	20,2	40,7	79,0
-400	-37	09,3	-	09,3
Total	-	100,0	D ₈₀ = 04,0 micron	

* The above is based on oven dried sample (100°C)

* % Moisture ≤ 1,0 MAX