



GRADE NO /6
SYRIAN ARAB REPUBLIC
GENERAL COMPANY PHOSPHATE AND MINES
SPECIFICATION OF CONCENTRACTED SYRIAN PHOSPHATE NO 6

Chemical analysis		ON DRY BASIS	
1-Bone phosphate Lime	BPL	63-64	per cent
2-Calcium Oxide	CAO	48-50	per cent
3- Iron oxide	Fe2O3	0.10-0.20	per cent
4- Aluminum oxide	AL2O3	0.10-0.15	per cent
5- Magnesium oxide	MGO	0.70-1.00	per cent
6- Silica dioxide	SIO2	7.5-9	per cent
7-Fluorine	F	2-4	per cent
8-Chlorine	CL	800-1200	PPM
9 -Carbon oxide	CO2	7-9	per cent
10-Losses of ignition	L.O.I	7-8	per cent
11-Humidity	H2O	5-7	per cent

MINOR INGRADIENT

CU	10-15 P.PM	ZN	140-200	P.PM
U	40-70 P.PM	HG	<0.1	P.PM
CD	6-10 P.PM	V	70-150	P.PM
AS	<2 P.PM	NI	10-15	P.PM
PB	<2 P.PM	BI	0.01-0.05	P.PM

P2o5 solubility in citric acid 2	35-40% percent
P2o5 solubility in formic acid 2	55-65% percent

TYPICAL SCREEN ANALYSIS :

ASTM MESH NO	MICRON	PER CENT
+18	+1000μ	3-5
+35	+500μ	5-10
+230	+40μ	70-80
-230	- 40μ	5-7

GENERAL INFORMATION:

- 1- We can receive at our loading port in tartaus vessels from 3000-20000M.T
 - 2 - draft depth at loading port in tartaus 31 feet .
 - 3 - shipping conditions per incoterms 2000 and revision fob tartaus port.
 - 4 - delivery :F.O.B tartaus port in bulk.
 - 5 - loading operation by electrical loading system and belt conveyor.
- Remark :each degree of P2O5 =2.185 degree of BPL
 method of analysis :sedimentary method

202 / /

PRIVATE LABORATORY

GECOPHAM
 GENERAL MANAGER

