



# Shoua Trade Investment LTD.

*Members of Jawad Group*

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Syrian Arab Republic

General Company of Phosphates and Mines

## **1. Specification of Concentrated Syrian Phosphate Grade NO4**

### • Chemical Analysis

1	Bone Phosphate Lime	BpL	66-64	Percent
2	Calcium Oxide	CaO	50-48	Percent
3	Iron Oxide	Fe <sub>2</sub> O <sub>3</sub>	0.20-0.10	Percent
4	Aluminum Oxide	Al <sub>2</sub> O <sub>3</sub>	0.15-0.10	Percent
5	Magnesium Oxide	MgO	0.80-0.50	Percent
6	Silicon Dioxide	SiO <sub>2</sub>	9-7.5	Percent
7	Fluorine	F	4-2	Percent
8	Chlorine	Cl	1200-800	ppni
9	Carbon Oxide	CO <sub>2</sub>	9-7	Percent
10	Losses Of Ignition	L.O.I	8-7	Percent
11	Humidity	H <sub>2</sub> O	7-5	Percent

- **Minor Ingredient**

Cu	p.pm 15-10	Zn	p.p 200-140.m
U	p.pm 70-40	Hg	p.p 0.1>.m
Cd	p.pm 30-6	V	p.p 150-70.m
As	p.pm 2>	Ni	p.p 15-10.m
Pb	p.pm 2>	Bi	p.p 0.05-0.01.m

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P <sub>2</sub> O <sub>5</sub> Solubility In Citric Acid 2%	Percent %40-35
P <sub>2</sub> O <sub>5</sub> Solubility In Fornic Acid 2%	Percent %65-55

- **Typical Screen Analysis**

.ASTM Mesli No	Micron	Percent
18+	1000+ μ	6-4
35+	500+ μ	10-5
230+	40+ μ	80-70
230-	40- μ	7-5

## **General Information**

1. We can receive at Loading Tartous port vessels from 3000 -20000 MT.
  2. Draft depth at loading port Tartous 31 Feet.
  3. Shipping Conditions Per Incoterms 2000 and revision F.O.B Tartous port.
  4. Delivery : F.O.B Tartous port in byllo .
  5. Loading Operation by electrical loading system and belt conveyer.
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**Remark:** Each degree of P2O5 =2.185 degree of BPL

## **2. Specification of Concentrated Syrian Phosphate** **Grade NO6**

### **• Chemical Analysis**

1	Bone Phosphate Lime	BpL	63-64	Percent
2	Calcium Oxide	CaO	50-48	Percent
3	Iron Oxide	Fe <sub>2</sub> O <sub>3</sub>	0.20-0.10	Percent
4	Aluminum Oxide	Al <sub>2</sub> O <sub>3</sub>	0.15-0.10	Percent
5	Magnesium Oxide	MgO	.07-1.00	Percent
6	Silicon Dioxide	SiO <sub>2</sub>	9-7.5	Percent
7	Fluorine	F	4-2	Percent
8	Chlorine	Cl	1200-800	ppni
9	Carbon Oxide	CO <sub>2</sub>	9-7	Percent
10	Losses Of Ignition	L.O.I	8-7	Percent
11	Humidity	H <sub>2</sub> O	7-5	Percent

- **Minor Ingredient**

Cu	p.pm 15-10	Zn	p.pm 200-140
U	p.pm 70-40	Hg	p.pm 0.1>
Cd	4-8p.pm	V	p.pm 150-70
As	p.pm 2>	Ni	p.pm 15-10
Pb	p.pm 2>	Bi	p.pm 0.05-0.01

P <sub>2</sub> O <sub>5</sub> Solubility In Citric Acid 2%	Percent %40-35
P <sub>2</sub> O <sub>5</sub> Solubility In Formic Acid 2%	Percent %65-55

- **Typical Screen Analysis**

.ASTM Mesli No	Micron	Percent
18+	1000+ μ	3-5
35+	500+ μ	10-5
230+	40+ μ	80-70
230-	40- μ	7-5

## **General Information**

1. We can receive at Loading Tartous port vessels from 3000 -20000 MT.
  2. Draft depth at loading port Tartous 31 Feet.
  3. Shipping Conditions Per Incoterms 2000 and revision F.O.B Tartous port.
  4. Delivery : F.O.B Tartous port in byllo .
  5. Loading Operation by electrical loading system and belt conveyer.
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**Remark:** Each degree of P2O5 =2.185 degree of BPL

### **3. Specification of Rock Phosphate G7**

#### **• Chemical Analysis**

1	Bone Phosphate Lime	BpL	62-64	Percent
2	Calcium Oxide	CaO	50-48	Percent
3	Iron Oxide	Fe <sub>2</sub> O <sub>3</sub>	0.20-0.10	Percent
4	Aluminum Oxide	Al <sub>2</sub> O <sub>3</sub>	0.15-0.10	Percent
5	Magnesium Oxide	MgO	.070-1.10	Percent
6	Silicon Dioxide	SiO <sub>2</sub>	7-9	Percent
7	Fluorine	F	4-2	Percent
8	Chlorine	Cl	1-800300	p.p.m
9	Carbon Oxide	CO <sub>2</sub>	9-7	Percent
10	Losses Of Ignition	L.O.I	8-7	Percent
11	Humidity	H <sub>2</sub> O	4-6	Percent

- **Minor Ingredient**

Cu	p.pm 15-10	Zn	p.pm 200-140
U	p.pm 70-40	Hg	p.pm 0.1>
Cd	5-8p.pm	V	p.pm 150-70
As	p.pm 2>	Ni	p.pm 15-10
Pb	p.pm 2>	Bi	p.pm 0.05-0.01

P <sub>2</sub> O <sub>5</sub> Solubility In Citric Acid 2%	Percent %40-35
P <sub>2</sub> O <sub>5</sub> Solubility In Formic Acid 2%	Percent %65-55

- **Typical Screen Analysis**

.ASTM Mesli No	Micron	Percent
18+	1000+ μ	3-5
35+	500+ μ	10-5
230+	40+ μ	80-70
230-	40- μ	7-5

**Remark:** Each degree of P<sub>2</sub>O<sub>5</sub> =2.185 degree of BPL