

Syria Grade 4

Element: Phosphorus Pentoxide.

| Factor | GRADE 4 |
|------------------------------------|---------------|
| BPL | 64-66 % |
| P2O5 SOLUBILITY IN CRITIC ACID 2 % | 35-40 % |
| P2O5 SOLUBILITY IN FORNIC ACID 2 % | 55-65 % |
| CALCIUM OXIDE | 48-50 % |
| IRON OXIDE | 0.10-0.20 % |
| ALUMINUM OXIDE | 0.10-0.15 % |
| MAGNESIUM OXIDE | 0.40-0.80 % |
| SLILCON DIOXIDE | 7.5-9 % |
| FLUORINE | 2-4 % |
| CHLORINE | 800-1200 PPM |
| CARBONE OXIDE | 7-9 % |
| LOSSES OF IGNITION | 7-8 % |
| HUMIDITY | 5-7 % |
| MINOR INGREDIENTS | |
| COPPER | 10-15 PPM |
| URANIUM | 40-70 PPM |
| CADMIUM | 6-10 PPM |
| ARSENIC | < 2 PPM |
| LEAD | < 2 PPM |
| ZINC | 140-200 PPM |
| ARGON | < 0.1 PPM |
| VANADIUM | 70-150 PPM |
| NICKEL | 10-15 PPM |
| BISMUTH | 0.01-0.05 PPM |

| TYPICAL SCREEN ANALYSIS | | |
|-------------------------|--------------|----------|
| ASTM MESH NO. | MICRON | GRADE 3 |
| 18 | + 1000 μ | 4-6 % |
| 35 | + 500 μ | 5-10 % |
| 230 | + 40 μ | 70 -80 % |
| -230 | - 40 μ | 5-7 % |

N B: High quality material - Low FE, Al₂O₃, Chlorine and Fluorine