

**SPECIFICATIONS OF**  
**GRANULAR SINGLE SUPER PHOSPHATE (GSSP)**

**(A) CHEMICAL SPECIFICATIONS**

Total P <sub>2</sub> O <sub>5</sub>	18.0 % +/- 0.5
Water and Citrate Soluble P <sub>2</sub> O <sub>5</sub>	16.0 % +/- 0.5
Water Soluble P <sub>2</sub> O <sub>5</sub>	15.0 % +/- 0.5
Moisture	4.0 % Max
Free Acidity as P <sub>2</sub> O <sub>5</sub>	3.0 % Max

**N.B:**

- 1- All analysis calculated on dry basis.
- 2- All analysis carried out according to AOAC and ISO No. 6598 / 1985

**(B) GRANULOMETRY**

Between 1 - 5 mm	94 .0 % Min
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**EGYPTIAN FINANCIAL & INDUSTRIAL COMPANY**

**SPECIFICATIONS OF**  
**GRANULAR SINGLE SUPER PHOSPHATE (GSSP)**

**(A) CHEMICAL SPECIFICATIONS**

Total P <sub>2</sub> O <sub>5</sub>	20.0 % +/- 0.5
Water and Citrate Soluble P <sub>2</sub> O <sub>5</sub>	18.0 % +/- 0.5
Water Soluble P <sub>2</sub> O <sub>5</sub>	16.0 % +/- 0.5
Moisture	4.0 % Max
Free Acidity as P <sub>2</sub> O <sub>5</sub>	3.0 % Max

**N.B:**

- 1- All analysis calculated on dry basis.
- 2- All analysis carried out according to AOAC and ISO No. 6598 / 1985

**(B) GRANULOMETRY**

Between 1 - 5 mm	94 .0 % Min
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**EGYPTIAN FINANCIAL & INDUSTRIAL COMPANY**

**SPECIFICATIONS OF**  
**POWDER SINGLE SUPER PHOSPHATE (PSSP)**

**(A) CHEMICAL SPECIFICATIONS**

Total P <sub>2</sub> O <sub>5</sub>	18.0 % +/- 0.5
Water and Citrate Soluble P <sub>2</sub> O <sub>5</sub>	16.0 % +/- 0.5
Water Soluble P <sub>2</sub> O <sub>5</sub>	15.0 % +/- 0.5
Moisture	6.0 % Max
Free Acidity as P <sub>2</sub> O <sub>5</sub>	4.0 % Max

**N.B:**

- 1- All analysis calculated on dry basis.
- 2- All analysis carried out according to AOAC and ISO No. 6598 / 1985

**(B) GRANULOMETRY**

BELOW 1 mm	75 .0 % Min
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**EGYPTIAN FINANCIAL & INDUSTRIAL COMPANY**

**SPECIFICATIONS OF**  
**POWDER SINGLE SUPER PHOSPHATE (PSSP)**

**(A) CHEMICAL SPECIFICATIONS**

Total P <sub>2</sub> O <sub>5</sub>	20.0 % +/- 0.5
Water and Citrate Soluble P <sub>2</sub> O <sub>5</sub>	18.0 % +/- 0.5
Water Soluble P <sub>2</sub> O <sub>5</sub>	16.0 % +/- 0.5
Moisture	6.0 % Max
Free Acidity as P <sub>2</sub> O <sub>5</sub>	4.0 % Max

**N.B:**

- 1- All analysis calculated on dry basis.
- 2- All analysis carried out according to AOAC and ISO No. 6598 / 1985

**(B) GRANULOMETRY**

BELOW 1 mm	75.0 % Min
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**EGYPTIAN FINANCIAL & INDUSTRIAL COMPANY**

**SPECIFICATIONS OF**  
**VIRGEN SULPHURIC ACID**

**OILY LIQUID FREE FROM ANY IMPURITES**

CONCERNTRATION	98.0 % min
SPECIFIC GRAVITY	1.836 gm/cm <sup>3</sup>
CHLORIDE ( CL <sup>-</sup> )	0.001 %
IRON ( Fe <sup>+3</sup> )	0.002 %

**EGYPTIAN FINANCIAL & INDUSTRIAL COMPANY**



**SPECIFICATIONS OF COMPOUND FERTILIZER**  
**NPK ( 19.1.0 )**

**(A) CHEMICAL SPECIFICATIONS**

MOISTURE	1.0 % Max
FREE ACIDITY ( AS P <sub>2</sub> O <sub>5</sub> )	0.05 % Max
NITROGEN ( N )	19.0 % Min
PHOSPHOROUS ( AS P <sub>2</sub> O <sub>5</sub> )	1.0 % Min

**N.B:**

- 1- ALL ANALYSIS CALCULATED ON DRY BASIS.
- 2- THE PRODUCT FREE FROM ANY FOREIGN, HARMFUL SUBSTANCES .

**SUEZ COMPANY FOR FERTILIZER PRODUCTION**

**SPECIFICATIONS OF COMPOUND FERTILIZER**  
**NPK ( 18.2.0 )**

**(A) CHEMICAL SPECIFICATIONS**

MOISTURE	1.0 % Max
FREE ACIDITY ( AS P <sub>2</sub> O <sub>5</sub> )	0.05 % Max
NITROGEN ( N )	18.0 % Min
PHOSPHOROUS ( AS P <sub>2</sub> O <sub>5</sub> )	2.0 % Min

**N.B:**

- 1- ALL ANALYSIS CALCULATED ON DRY BASIS.
- 2- THE PRODUCT FREE FROM ANY FOREIGN, HARMFUL SUBSTANCES .

**SUEZ COMPANY FOR FERTILIZER PRODUCTION**

**SPECIFICATIONS OF COMPOUND FERTILIZER**  
**NPK ( 2-20-0 )**

**(A) CHEMICAL SPECIFICATIONS**

MOISTURE	4.0 % Max
FREE ACIDITY ( AS P <sub>2</sub> O <sub>5</sub> )	3.0 % Max
AVAILABL E P <sub>2</sub> O <sub>5</sub> ( WATER & CITRATE SOLUBLE P <sub>2</sub> O <sub>5</sub> )	20.0 % +/- 0.5
NITROGEN ( N )	2.0 % Min

**N.B:**

- 1- ALL ANALYSIS CALCULATED ON DRY BASIS .
- 2-ALL ANALYSIS CARRIED OUT ACCORDING TO AOAC and ISO No. 6598 / 1985
- 3- COMPATIBLE WITH UREA

**(B) GRANULOMETRY**

Between 1 - 5 mm	94.0 % Min
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**SUEZ COMPANY FOR FERTILIZER PRODUCTION**

**SPECIFICATIONS OF**  
**AMMONIUM SULPHATE FERTILIZER**

**(A) PHYSICAL PROPERTIES**

WHITE CRYSTALS

**SCREEN ANALYSIS**

3.0 MM - 0.5 MM

85.0 - 90.0 %

LESS THAN 0.5 MM

10.0 - 15.0 %

**CHEMICAL PROPERTIES**

NITROGEN CONTENT

20.6 % MIN

FREE ACIDITY ( AS  $H_2SO_4$  )

0.05 % MAX

MOISTUR

0.3 % MAX

SULPHUR

24.0 % MIN

**N.B:**

1- All analysis calculated on dry basis.

2-All analysis carried out according to AOAC and ISO No. 6598 / 1985

**SUEZ COMPANY FOR FERTILIZER PRODUCTION**

**SPECIFICATIONS OF COMPOUND FERTILIZER**  
**NPK ( 2-18-0 )**

**(A) CHEMICAL SPECIFICATIONS**

MOISTURE	4.0 % Max
FREE ACIDITY ( AS $P_2O_5$ )	3.0 % Max
WATER SOLUBLE $P_2O_5$	16.0 % +/- 0.5
AVAILABL E $P_2O_5$ ( WATER & CITRATE SOLUBLE $P_2O_5$ )	20.0 % +/- 0.5
TOTAL NITROGEN (N)	2.0 % Min
TOTAL SULPHUR (S)	10.0 % Min
TOTAL CALCIUM (Ca)	18.0 % Min

**N.B:**

- 1- ALL ANALYSIS CALCULATED ON DRY BASIS .
- 2-ALL ANALYSIS CARRIED OUT ACCORDING TO AOAC and ISO No. 6598 / 1985
- 3- COMPATIBLE WITH UREA

**(B) GRANULOMETRY**

Between 1 - 5 mm	94.0 % Min
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**SUEZ COMPANY FOR FERTILIZER PRODUCTION**

**SPECIFICATIONS OF DICALCIUM PHOSPHATE**  
**CaHPO<sub>4</sub> · 2H<sub>2</sub>O FEED GRADE**

MOISTURE	3.0 % Max
PHOSPHOROUS	18.0 % +/- 0.5
CALCIUM	23.0 % +/- 0.5
FLUORIDE	0.2 % Max

WHITE SUBSTANCES FREEFLOWING FREEFROM ANY HARMFUL AND FOREIGN SUBSTANCES

**N.B:**

2-ALL ANALYSIS CARRIED OUT ACCORDING TO AOAC and ISO  
No. 6598 / 1985

**SUEZ COMPANY FOR FERTILIZER PRODUCTION**