

-TALC

- CHEMICAL ANALYSIS

Grade A Grade B Grade C

Chemical Analysis

Elements	Result %		
SiO ₂	60 - 62	60 - 61	53 - 58
TiO ₂	< 0.01	< 0.01	< 0.01
Al ₂ O ₃	0.3 - 0.50	0.5 - 1	1 - 2
Fe ₂ O ₃	0.10 - 0.2	0.4 - 0.2	0.7 - 0.5
MnO	0.01	0.01	0.01
MgO	31 - 32.5	30 - 31	28 - 30
CaO	0.5 - 0.3	0.5 - 1	3 - 6
Na ₂ O	< 0.01	< 0.01	< 0.01
K ₂ O	< 0.01	< 0.01	< 0.01
P ₂ O ₅	0.01	0.02	0.04
L.O.I	4.5 - 5.00	6.5 - 5.5	8 - 9

Mineralogical Analysis

Talc	> 90.0	> 80.0	
chlorite	> 8.00	< 12.00	
carbonate	< 2.00	< 4.00	
Asbestos	Nil	Nil	Nil

Physical analysis

Whiteness - Z	90.00 (min)	86.00 (min)	83.00 (min)
SP. gr	0.55	0.55	0.55
P.H	7.00	7.20	7.20

- SIZE ANALYSIS

As lumps from 5 to 20 centimeter

- USAGE

Paints, Paper, Rubber, Ceramic and Cosmetics industries.



ELWAHA

For Trade

Minerals and Raw Materials



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Elwaha for Trade is one of the reputed exporters and traders of raw materials and natural minerals; it was established in Cairo, Egypt on 2004. Elwaha for Trade is a leading name in raw materials and mine product market



With proven track of offering best quality products and excellent services at most reasonable prices, we have established strong relations with our clients and become a preferred source for our valuable customers. We strive to establish a mutually beneficial and long lasting relationship with our valued clients by not just meeting but exceeding their expectations

-ROCK PHOSPHATE

- CHEMICAL ANALYSIS

Moisture: 4.00 % max.

Total Phosphate (P_2O_5): 30.0 % min.

Calcium Oxide (CaO) : 46.00 - 48.00% max.

Calcium carbonate ($CaCO_3$): 12.00%Max

Silica – Silicon Dioxide (SiO_2): 9.00% Max

Fluoride (F): 3.10 % max.

Chloride (CL): 0.07 % max.

Solubility 2% Citric Acid: 30-35 %

Solubility 2% Formic Acid: 44-47 %

- SIZE ANALYSIS

More than 90% from 0.08 mm up to 4.5 mm

- USAGE

Fertilizers and Chemicals industries

-SILICA SAND

- CHEMICAL ANALYSIS

Symbol	Concentration
Na_2O	0.040% Max
MgO	0.017% Max
Al_2O_3	0.0981% Max
SiO_2	99.6% Min.
CaO	0.3191%
TiO_2	0.01288%
Fe_2O_3	0.20% Max.

- USAGE

Glass, Cement and steel industries

-WHITE MILKY QUARTZ

- CHEMICAL ANALYSIS

ELEMENTS	RESULT%
SiO_2	99.72
loss of ignition	0.19
Moisture	0.066
Al_2O_3	0.012
Fe_2O_3	0.0016
CaO	0.0023
MgO	0.0003

- SIZE ANALYSIS

As lumps from 5 to 20 centimeter

- USAGE

Paints, Glass, Ceramic and Artificial Marble industries

-POTASIUUM FELDSPAR

- CHEMICAL ANALYSIS

Elements	%Results
Fe_2O_3	0.10
SO_4	0.014
K_2O	8.5 Min
Na_2O	2.46
TiO_2	0.04
SO_3	0.01
SiO_2	70
CL	0.23
P_2O_5	0.01

- SIZE ANALYSIS

As lumps from 5 to 20 centimeter

- USAGE

Ceramic and Glass industries