



Certificate No. 17957/GBBPAN  
Date: May 27, 2020



**SUCOFINDO**  
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## REPORT OF ANALYSIS

The sample was submitted by client with the following identification :

CLIENT : CLARIANT ADSORBENTS INDONESIA, PT.  
ADDRESS : JL. Raya Narogong KM. 14,  
Pangkalan 10 Desa Limusnunggal – Cileungsi.  
BOGOR 16820.  
TYPE OF SAMPLE : GYPSUM + CaO.  
DATE RECEIVED : 06/05/2020.  
TEST REQUIRED : Chemical Analysis, Phosphorus (P), Sulfur (S) and Chloride.  
DESCRIPTION OF SAMPLE : Form : Soil.  
Weight/Volume : ± 4.49 kg.  
Packing : Plastic bag.  
SAMPLE IDENTIFICATION : --  
DATE OF ANALYSIS : 06/05/2020 to 26/05/2020.  
YOUR REFERENCE : --

### Result:

Parameter	Unit	Results	Method
Iron Trioxide (Fe <sub>2</sub> O <sub>3</sub> )	%	3.32	ASTM C 471M-14
Aluminium Trioxide (Al <sub>2</sub> O <sub>3</sub> )	%	6.13	ASTM C 471M-14
Magnesium Oxide (MgO)	%	0.86	ASTM C 471M-14
Manganese Dioxide (MnO <sub>2</sub> )	%	0.09	ASTM C 471M-14
Chromium Trioxide (Cr <sub>2</sub> O <sub>3</sub> )	%	Less than 0.01	ASTM C 471M-14
Sodium Oxide (Na <sub>2</sub> O)	%	0.02	ASTM C 471M-14
Potassium Oxide (K <sub>2</sub> O)	%	0.02	ASTM C 471M-14
Silicon Dioxide (SiO <sub>2</sub> )	%	3.67	ASTM C 471M-14
Titanium Dioxide (TiO <sub>2</sub> )	%	0.02	ASTM C 471M-14
Combine Water	%	17.95	ASTM C 471M-14
CaSO <sub>4</sub> .2H <sub>2</sub> O	%	85.74	ASTM C 471M-14
Calcium Oxide (CaO)	%	27.92	ASTM C 471M-14
Sulfur Trioxide (SO <sub>3</sub> )	%	39.75	ASTM C 471M-14
Free Moisture 45°C	%	17.22	ASTM C 471M-14
Chloride	%	0.05	ASTM C 471M-14
Sulfur (S)	%	15.90	ASTM C 471M-14
Phosphorus (P)	%	0.02	ASTM C 471M-14

Note : AR (As Received Basis).

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