

Certificate No. 07322/GBBPAJ  
Date: March 16, 2016



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## REPORT OF ANALYSIS

The sample was submitted by client with the following identification :

CLIENT : SCG LIGHTWEIGHT CONCRETE INDONESIA, PT.  
ADDRESS : Surya Cipta Industrial Estate.  
Jl. Techno Kav. I – T 1 – 3, Kutamekar, Ciampel.  
KARAWANG 41361.  
TYPE OF SAMPLE : GYPSUM PUTIH JEPARA.  
DATE OF RECEIVED : 08/03/2016.  
TEST REQUIRED : Chemical Analysis and pH.  
DESCRIPTION OF SAMPLE : Form : Powder.  
Weight/Volume : ± 1.33 kg.  
Packing : Plastic bag.  
SAMPLE IDENTIFICATION : Code: Tgl. 08 Maret 2016.  
DATE OF ANALYSIS : 08/03/2016 to 15/03/2016.  
YOUR REFERENCE : PO No. : 4021001961.

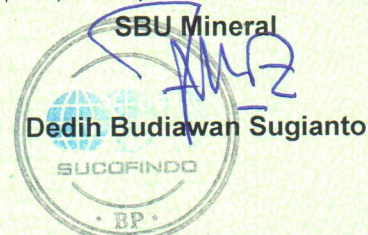
### Result:

Parameter	Unit	Results	Method
Iron Trioxide (Fe <sub>2</sub> O <sub>3</sub> )	%	0.06	ASTM C 471-01 (2006)
Aluminium Trioxide (Al <sub>2</sub> O <sub>3</sub> )	%	0.10	ASTM C 471-01 (2006)
Magnesium Oxide (MgO)	%	0.12	ASTM C 471-01 (2006)
Manganese Dioxide (MnO <sub>2</sub> )	%	Less than 0.01	ASTM C 471-01 (2006)
Chromium Trioxide (Cr <sub>2</sub> O <sub>3</sub> )	%	0.01	ASTM C 471-01 (2006)
Sodium Oxide (Na <sub>2</sub> O)	%	0.77	ASTM C 471-01 (2006)
Potassium Oxide (K <sub>2</sub> O)	%	0.04	ASTM C 471-01 (2006)
Silicon Dioxide (SiO <sub>2</sub> )	%	1.88	ASTM C 471-01 (2006)
Titanium Dioxide (TiO <sub>2</sub> )	%	Less than 0.01	ASTM C 471-01 (2006)
CaSO <sub>4</sub> .2H <sub>2</sub> O	%	96.99	ASTM C 471-01 (2006)
Calcium Oxide (CaO)	%	31.58	ASTM C 471-01 (2006)
Sulfur Trioxide (SO <sub>3</sub> )	%	45.11	ASTM C 471-01 (2006)
Combine Water	%	20.30	ASTM C 471-01 (2006)
Free Moisture 45°C	%, AR	7.02	ASTM C 471-01 (2006)
pH	-	8.22	pH Metric

Note : AR (As Received Basis).

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