

Certificate No. 04561/DBBPAH  
Date: March 6, 2014



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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. 1 – T 1 – 3, Kutamekar, Ciampel.  
KARAWANG.  
TYPE OF SAMPLE : GYPSUM.  
DATE OF RECEIVED : 03/03/2014.  
TEST REQUIRED : Chemical Analysis.  
DESCRIPTION OF SAMPLE : Form : Powder.  
Weight/Volume : ± 0.36 kg.  
Packing : Plastic bag.  
SAMPLE IDENTIFICATION : --  
DATE OF ANALYSIS : 03/03/2014 to 05/03/2014. *Tekstur beda*  
YOUR REFERENCE : PO No. : 0406.

### Result:

Parameter	Unit	Results	Method
Iron Trioxide (Fe <sub>2</sub> O <sub>3</sub> )	%	Less than 0.01	ICP
Aluminium Trioxide (Al <sub>2</sub> O <sub>3</sub> )	%	0.34	ICP
Magnesium Oxide (MgO)	%	Less than 0.01	ICP
Manganese Dioxide (MnO <sub>2</sub> )	%	Less than 0.01	ICP
Chromium Trioxide (Cr <sub>2</sub> O <sub>3</sub> )	%	0.02	ICP
Sodium Oxide (Na <sub>2</sub> O)	%	0.44	ICP
Potassium Oxide (K <sub>2</sub> O)	%	0.03	ICP
Silicon Dioxide (SiO <sub>2</sub> )	%	2.54	Gravimetric
Titanium Dioxide (TiO <sub>2</sub> )	%	Less than 0.01	ICP
CaSO <sub>4</sub> .2H <sub>2</sub> O	%	96.29	Calculation
Calcium Oxide (CaO)	%	31.35	Titrimetric
Sulfur Trioxide (SO <sub>3</sub> )	%	44.79	Gravimetric
Combine Water	%	20.15	Gravimetric
Free Moisture 45°C	%, AR	15.92	Gravimetric

Note : AR (As Received Basis).

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SBU Laboratorium



Dedih Budiawan Sugianto

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