

## 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 : 22/10/2014.  
TEST REQUIRED : Chemical Analysis and pH.  
DESCRIPTION OF SAMPLE : Form : Granular.  
Weight/Volume : ± 2.09 kg.  
Packing : Plastic bag.  
SAMPLE IDENTIFICATION : Code : Sukabumi (Pelabuhan Ratu).  
DATE OF ANALYSIS : 22/10/2014 to 03/11/2014.  
YOUR REFERENCE : PO No. : 4021000334.

### Result:

Parameter	Unit	Results	Method
Iron Trioxide (Fe <sub>2</sub> O <sub>3</sub> )	%	4.36	ICP
Aluminium Trioxide (Al <sub>2</sub> O <sub>3</sub> )	%	8.11	ICP
Magnesium Oxide (MgO)	%	0.43	ICP
Manganese Dioxide (MnO <sub>2</sub> )	%	0.07	ICP
Chromium Trioxide (Cr <sub>2</sub> O <sub>3</sub> )	%	0.01	ICP
Sodium Oxide (Na <sub>2</sub> O)	%	0.04	ICP
Potassium Oxide (K <sub>2</sub> O)	%	0.01	ICP
Silicon Dioxide (SiO <sub>2</sub> )	%	3.75	Gravimetric
Titanium Dioxide (TiO <sub>2</sub> )	%	0.03	ICP
CaSO <sub>4</sub> .2H <sub>2</sub> O	%	83.17	Calculation
Calcium Oxide (CaO)	%	32.12	Titrimetric
Sulfur Trioxide (SO <sub>3</sub> )	%	45.89	Gravimetric
Combine Water	%	5.16	Gravimetric
Free Moisture 45°C	%, AR	6.46	Gravimetric
pH 10% Solution	-	7.53	Electrometric

Note : AR (As Received Basis).

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