



Certificate No. 05039/GBBPAJ
Date: February 23, 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.
TYPE OF SAMPLE : GYPSUM.
DATE OF RECEIVED : 17/02/2016.
TEST REQUIRED : Chemical Analysis and pH.
DESCRIPTION OF SAMPLE : Form : Powder.
Weight/Volume : ± 1.42 kg.
Packing : Plastic bag.
SAMPLE IDENTIFICATION : Code: Crude Gypsum (CG) ex. Petro Gresik.
DATE OF ANALYSIS : 17/02/2016 to 23/02/2016.
YOUR REFERENCE : PO No. : 4021001833.

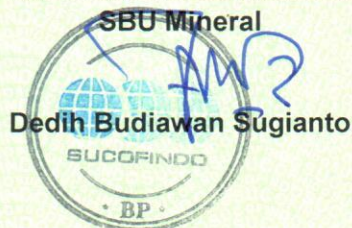
Result:

Parameter	Unit	Results	Method
Iron Trioxide (Fe ₂ O ₃)	%	0.02	ASTM C 471-01 (2006)
Aluminium Trioxide (Al ₂ O ₃)	%	0.13	ASTM C 471-01 (2006)
Magnesium Oxide (MgO)	%	0.03	ASTM C 471-01 (2006)
Manganese Dioxide (MnO ₂)	%	Less than 0.01	ASTM C 471-01 (2006)
Chromium Trioxide (Cr ₂ O ₃)	%	Less than 0.01	ASTM C 471-01 (2006)
Sodium Oxide (Na ₂ O)	%	0.33	ASTM C 471-01 (2006)
Potassium Oxide (K ₂ O)	%	0.02	ASTM C 471-01 (2006)
Silicon Dioxide (SiO ₂)	%	2.90	ASTM C 471-01 (2006)
Titanium Dioxide (TiO ₂)	%	Less than 0.01	ASTM C 471-01 (2006)
CaSO ₄ .2H ₂ O	%	96.09	ASTM C 471-01 (2006)
Calcium Oxide (CaO)	%	31.28	ASTM C 471-01 (2006)
Sulfur Trioxide (SO ₃)	%	44.69	ASTM C 471-01 (2006)
Combine Water	%	20.11	ASTM C 471-01 (2006)
Free Moisture 45°C	%, AR	8.46	ASTM C 471-01 (2006)
pH	-	3.83	pH Metric

Note : AR (As Received Basis).

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