

Certificate No. 23802/DBBPAG
Date: November 7, 2013



Issuing Office:
Jl. Arteri Tol Cibitung No. 1, Cibitung Bekasi 17520, Indonesia
Phone/Facs: +62 21 88321176/88321166
Email: jum.cbt@sucofindo.co.id

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 : 10/10/2013.
TEST REQUIRED : Chemical Analysis, pH and Curve.
DESCRIPTION OF SAMPLE : Form : Powder.
Weight/Volume : ± 1.07 kg.
Packing : Plastic bag.
SAMPLE IDENTIFICATION : Code : ex. PLTU Jepara.
DATE OF ANALYSIS : 10/10/2013 to 29/10/2013.
YOUR REFERENCE : --

Result:

Parameter	Unit	Results	Method
Iron Trioxide (Fe ₂ O ₃)	%	0.24	ICP
Aluminium Trioxide (Al ₂ O ₃)	%	0.26	ICP
Magnesium Oxide (MgO)	%	0.12	ICP
Manganese Dioxide (MnO ₂)	%	0.01	ICP
Chromium Trioxide (Cr ₂ O ₃)	%	0.01	ICP
Sodium Oxide (Na ₂ O)	%	0.16	ICP
Potassium Oxide (K ₂ O)	%	0.01	ICP
Silicon Dioxide (SiO ₂)	%	0.58	Gravimetric
Titanium Dioxide (TiO ₂)	%	0.02	ICP
CaSO ₄ .2H ₂ O	%	98.55	Calculation
Calcium Oxide (CaO)	%	32.09	Titrimetric
Sulfur Trioxide (SO ₃)	%	45.84	Gravimetric
Combine Water	%	20.63	Gravimetric
Free Moisture 45°C	%, AR	0.42	Gravimetric
pH	%	8.15	pH Metric

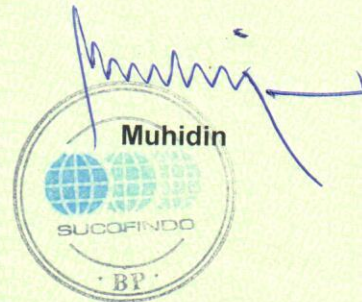
Note : AR (As Received Basis).

The Attachment available is an integral part of this certificate.

This Certificate/report is issued under our General Terms and Conditions, copy of which is available upon request or may be accessed at www.sucofindo.co.id

SBU General Services

CBT1011153131040-004



1472608

SCI-2007A



REPORT OF ANALYSIS

PT. SUCOFINDO (PERSERO), CIBITUNG
LABORATORIUM MINERAL
 Jl. Arteri Tol Cibitung No. 1, Cibitung, Bekasi, Telp. 021 - 88321176

Proyek : 1040,2419/4
 Lokasi : Silica Sand

Analisis : Harmen Mardona
 Diperiksa oleh : Ace Fakhrudin

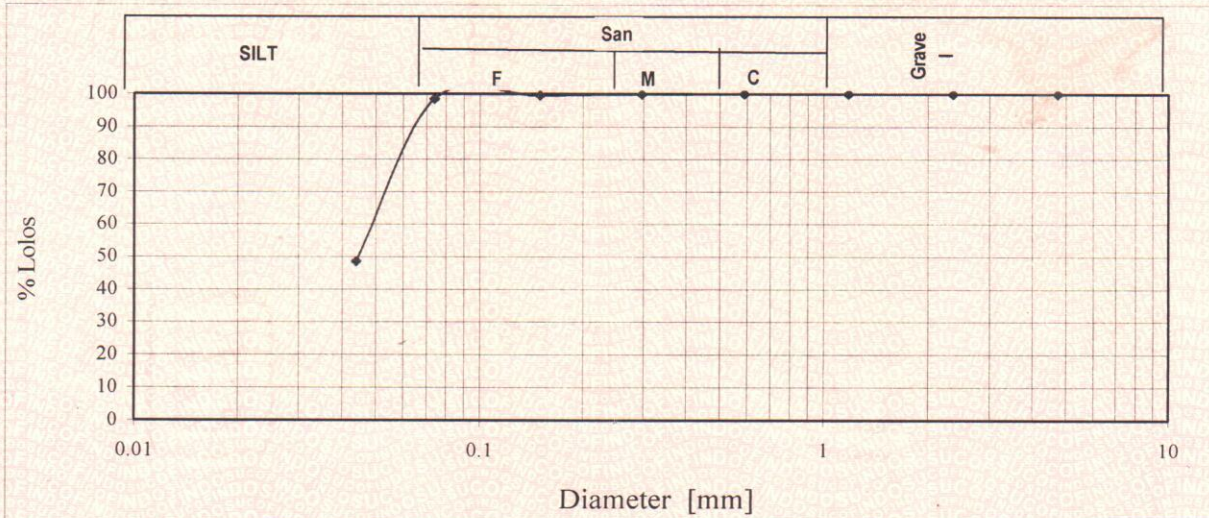
ANALISA UKURAN BUTIR

Code : ex. PLTU Jepara

Saringan

W_{total} : 100 gram

Saringan No.	Diameter [mm]	Berat tertahan [gram]	%Tertahan	% Lolos Kumulatif
4	4.750	0.00	0.00	100.00
8	2.360	0.00	0.00	100.00
16	1.180	0.00	0.00	100.00
30	0.590	0.00	0.00	100.00
50	0.297	0.10	0.10	99.90
100	0.150	0.40	0.40	99.50
200	0.074	1.10	1.10	98.40
325	0.044	49.90	49.90	48.50
400	0.037	8.20	8.20	40.30
		59.70	59.70	



0704064