

Certificate No. 04577/GBBPAJ  
Date: February 17, 2016



Issuing Office:  
Jl. Arteri Tol Cibitung No. 1, Cibitung Bekasi 17520, Indonesia  
Phone/Facs: +62 21 88321176/88321166  
Email: afakhrudin@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. I – T 1 – 3, Kutamekar, Ciampel.  
KARAWANG.  
TYPE OF SAMPLE : SILICA SAND.  
DATE OF RECEIVED : 10/02/2016.  
TEST REQUIRED : Chemical Analysis.  
DESCRIPTION OF SAMPLE : Form : Sand.  
Weight/Volume : ± 1.40 kg.  
Packing : Plastic bag.  
SAMPLE IDENTIFICATION : Code : PAP KEP.  
DATE OF ANALYSIS : 10/02/2016 to 17/02/2016.  
YOUR REFERENCE : --


### Result:

Parameter	Unit	Results	Method
Iron Trioxide (Fe <sub>2</sub> O <sub>3</sub> )	%	0.33	PO / MIN – BT / 01
Aluminium Trioxide (Al <sub>2</sub> O <sub>3</sub> )	%	2.01 ✓	PO / MIN – BT / 01
Calcium Oxide (CaO)	%	0.01	PO / MIN – BT / 01
Magnesium Oxide (MgO)	%	Less than 0.01	PO / MIN – BT / 01
Manganese Dioxide (MnO <sub>2</sub> )	%	Less than 0.01	PO / MIN – BT / 01
Chromium Trioxide (Cr <sub>2</sub> O <sub>3</sub> )	%	0.02	PO / MIN – BT / 01
Sodium Oxide (Na <sub>2</sub> O)	%	0.04	PO / MIN – BT / 01
Potassium Oxide (K <sub>2</sub> O)	%	0.60	PO / MIN – BT / 01
Silicon Dioxide (SiO <sub>2</sub> )	%	96.44	PO / MIN – BT / 01
Titanium Dioxide (TiO <sub>2</sub> )	%	0.05	PO / MIN – BT / 01
Loss On Ignition (LOI)	%	0.24	PO / MIN – BT / 01
Moisture Content (MC)	%, AR	6.42	PO / MIN – BT / 01

Note = AR (As Received Basis).

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