



Certificate No. 04576/GBBPAJ
Date: February 17, 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 : SILICA SAND.
DATE OF RECEIVED : 10/02/2016.
TEST REQUIRED : Chemical Analysis.
DESCRIPTION OF SAMPLE : Form : Sand.
Weight/Volume : ± 1.61 kg.
Packing : Plastic bag.
SAMPLE IDENTIFICATION : Code : PAP LLG.
DATE OF ANALYSIS : 10/02/2016 to 17/02/2016.
YOUR REFERENCE : --

Result:

Parameter	Unit	Results	Method
Iron Trioxide (Fe ₂ O ₃)	%	1.99	PO / MIN – BT / 01
Aluminium Trioxide (Al ₂ O ₃)	%	6.78 ✓	PO / MIN – BT / 01
Calcium Oxide (CaO)	%	0.02	PO / MIN – BT / 01
Magnesium Oxide (MgO)	%	0.03	PO / MIN – BT / 01
Manganese Dioxide (MnO ₂)	%	Less than 0.01	PO / MIN – BT / 01
Chromium Trioxide (Cr ₂ O ₃)	%	0.05	PO / MIN – BT / 01
Sodium Oxide (Na ₂ O)	%	0.71	PO / MIN – BT / 01
Potassium Oxide (K ₂ O)	%	5.09 ✓	PO / MIN – BT / 01
Silicon Dioxide (SiO ₂)	%	83.56	PO / MIN – BT / 01
Titanium Dioxide (TiO ₂)	%	0.20	PO / MIN – BT / 01
Loss On Ignition (LOI)	%	1.16	PO / MIN – BT / 01
Moisture Content (MC)	%, AR	8.51	PO / MIN – BT / 01

Note = AR (As Received Basis).

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