

Certificate No. 18146/BOEBAR
Date: April 5, 2024

Issuing Office:
Jl. Arteri Supadio KM.12,5. Sungai Raya - Kubu Raya, Indonesia
Phone/Facs: +62 561 - 733334/0561 - 736319
Email: pontianak@sucofindo.co.id

CERTIFICATE OF ANALYSIS

PRINCIPAL : PT. SIGMA MINERAL INDONESIA
ADDRESS : Satrio Tower No.5, Blok C4,
Jl. Prof Dr. Satri Kuningan Timur Setiabudi
Kota Adm. Jakarta Selatan DKI Jakarta

SUBJECT : SILICA SAND
DATE OF RECEIVED : April 05, 2024
TEST FOR : Chemical Analysis
DESCRIPTION OF SAMPLE : 1 (One) Sample
Form : Sand
Weight/Volume : ± 2 kg
Packing : Unsealed plastic bag
Sampling is not carried out by PT. Sucofindo Pontianak

SAMPLE IDENTIFICATION : Code: -
REFERENCE : 214/LAB-MIN/PTK04/2024
DATE OF ANALYSIS : April 05, 2024
DATE OF REPORT : April 05, 2024

Result:

PARAMETERS	UNITS	RESULTS	METHODS
Silicon Dioxide (SiO ₂)	%	99.73	PO-PTK-MIN-027 (ICP)
Aluminium Oxide (Al ₂ O ₃)	%	0.008	PO-PTK-MIN-027 (ICP)
Iron Oxide (Fe ₂ O ₃)	%	0.010	PO-PTK-MIN-027 (ICP)
Calcium Oxide (CaO)	%	0.002	PO-PTK-MIN-027 (ICP)
Magnesium Oxide (MgO)	%	0.001	PO-PTK-MIN-027 (ICP)
Sodium Oxide (Na ₂ O)	%	0.011	PO-PTK-MIN-027 (ICP)
Potassium Oxide (K ₂ O)	%	0.002	PO-PTK-MIN-027 (ICP)
Titanium Dioxide (TiO ₂)	%	0.002	PO-PTK-MIN-027 (ICP)
Mangan Dioxide (MnO ₂)	%	0.001	PO-PTK-MIN-027 (ICP)
Chromium Trioxide (Cr ₂ O ₃)	%	0.001	PO-PTK-MIN-027 (ICP)
Loss On Ignition (LOI)	%	0.19	GRAVIMETRIC
Moisture Content (MC)	%	4.18	GRAVIMETRIC

This test result (s) related to the sample (s) submitted only and the report / certificate can not be reproduced in any way, except in full context and with the prior approval in writing from Sucofindo Laboratory.

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

 Pontianak Branch,

SUCOFINDO
Ari Hambali

60010224004309
Ad/LI



5102743



SCI-2023A