

Certificate No. 07264/FOBOAL
Date: May 30, 2018



SUCOFINDO

Issuing Office:

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REPORT OF ANALYSIS

CLIENT : PT. POLOWIJO GOSARI
Desa Sekapuk KM. 32 Ujung Pangkah, Ujung Pangkah,
Gresik – Jawa Timur

THE FOLLOWING SAMPLE(S) WERE/ WAS SUBMITTED AND IDENTIFIED BY CLIENT AS :

TYPE OF SAMPLE : DOLOMITE FERTILIZER

TEST REQUIRED : Magnesium as Magnesium Oxide (MgO), Calcium as Calcium Oxide (CaO), MgO soluble in citric acid 2%, CaO soluble in citric acid 2%, MgO soluble in water, CaO soluble in water, $Al_2O_3 + Fe_2O_3$, Neutralize Capacity as $CaCO_3$, Moisture, Silicate as SiO_2 , Bulk density, Size test, Chromium (Cr), Nickel (Ni), Cadmium (Cd), Lead (Pb), Arsenic (As) and Mercury (Hg)

SAMPLE IDENTIFICATION : Following statement were stated by Client and not verified by SUCOFINDO
MERK : MAGFERTIL 20+

DATE OF RECEIVED : May 14, 2018

DESCRIPTION OF SAMPLE : Form : Powder
Weight received : 1.00 kg (approx)
Packing : Plastic bag

PERIOD OF ANALYSIS : May 14 up to 30, 2018

TEST RESULT : See Attachment

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

Dept. of Commercial 3 - Testing & Eco-Framework

51805260
KA/enk
7103061801648-02



2909084

SCI-2007A



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REPORT OF ANALYSIS

Type Sample : DOLOMITE FERTILIZER
Lab ID No. : 51805260
Sample Identification : Following statement were stated by Client and not verified by SUCOFINDO
MERK : MAGFERTIL 20+
Date Of Analysis : May 14 up to 20, 2018

We have tested the sample(s) submitted and the following results were obtained :

Parameter	Unit	Result	Method
Magnesium as Magnesium Oxide (MgO) (Dry basic)	%	22.19	SNI 02-2804-2005 (point 6.1)
Calcium as Calcium Oxide (CaO) (Dry basic)	%	29.65	SNI 02-2804-2005 (point 6.2)
MgO soluble in citric acid 2% (Dry basic)	%	14.66	Titrimetric
CaO soluble in citric acid 2% (Dry basic)	%	20.07	Titrimetric
MgO soluble in water (Dry basic)	%	0.32	Titrimetric
CaO soluble in water (Dry basic)	%	0.68	Titrimetric
Al ₂ O ₃ + Fe ₂ O ₃ (Dry basic)	%	1.31	SNI 02-2804-2005 (point 6.3)
Neutralize Capacity as CaCO ₃ (Dry basic)	%	104.22	SNI 02-2804-2005 (point 6.7)
Moisture	%	0.15	SNI 02-2804-2005 (point 6.4)
Silicate as SiO ₂ (Dry basic)	%	1.00	SNI 02-2804-2005 (point 6.5)
Bulk density	kg/L	0.8222	Gravimetric
Size test :			
- passing through mesh 100 (0.150 mm)	%	97.41	Mechanical
- passing through mesh 200 (0.074 mm)	%	87.69	
- passing through mesh 325 (0.044 mm)	%	76.39	
Chromium (Cr)	%	< 0.01	AOAC 20 th Ed., 2016, method 965.09
Nickel (Ni)	%	< 0.01	AOAC 20 th Ed., 2016, method 965.09
Cadmium (Cd)	ppm	< 0.1	AOAC 20 th Ed., 2016, method 965.09
Lead (Pb)	ppm	1.5	AOAC 20 th Ed., 2016, method 965.09
Arsenic (As)	ppm	0.07	AOAC 20 th Ed., 2016, method 965.09
Mercury (Hg)	ppm	< 0.01	AOAC 20 th Ed., 2016, method 971.21

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