

Certificate No. 05983/FOBOAK  
Date: October 27, 2017



## REPORT OF ANALYSIS

### CLIENT

: CV. ALIMAN JOYO SAKTI  
Jl. Raya Taman Gg. III No. 43 RT. 012 RW. 003  
Kel. Taman Kec. Taman  
Sidoarjo – Jawa Timur

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

TYPE OF SAMPLE : Water  
TEST REQUIRED : *Escherichia coli*  
SAMPLE IDENTIFICATION : Following statement were stated by Client and not verified by SUCOFINDO  
" Air Limbah Tinja dari Xonox Filter  
Rumah Tinggal : Taman Beji III / II RT. 12 RW. 03 Taman - Sidoarjo "  
DATE OF RECEIVED : October 17, 2017  
DESCRIPTION OF SAMPLE : Form : Liquid  
Weight/Volume : 500 mL  
Packing : Glass Bottle  
PERIOD OF ANALYSIS : October 17 up to 25, 2017

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

Parameter	Unit	Test Results	Test Method #)
• <i>Escherichia coli</i>	MPN/100 mL	26	9221 F •)

#) Standard Methods 22<sup>nd</sup> Edition 2012 •) Excluded parameters accredited  
APHA-AWWA-WEF

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Dept. of Commercial 3 - Testing & Eco-Framework



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Certificate No. 05984/FOBOAK  
Date: October 27, 2017



## REPORT OF ANALYSIS

CLIENT : CV. ALIMAN JOYO SAKTI  
Jl. Raya Taman Gg. III No. 43 RT. 012 RW. 003  
Kel. Taman Kec. Taman  
Sidoarjo – Jawa Timur

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

TYPE OF SAMPLE : Water  
TEST REQUIRED : *Escherichia coli*  
SAMPLE IDENTIFICATION : Following statement were stated by Client and not verified by SUCOFINDO  
" Air Limbah Ninja dari Xonox Filter  
Yayasan Panti Asuhan Darusalam  
Taman Pondok Jati B1 – 17 Geluran – Sidoarjo "  
DATE OF RECEIVED : October 17, 2017  
DESCRIPTION OF SAMPLE : Form : Liquid  
Weight/Volume : 500 mL  
Packing : Glass Bottle  
PERIOD OF ANALYSIS : October 17 up to 25, 2017

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

Parameter	Unit	Test Results	Test Method #)
• <i>Escherichia coli</i>	MPN/100 mL	14	9221 F •)

#) Standard Methods 22<sup>nd</sup> Edition 2012 •) Excluded parameters accredited  
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Dept. of Commercial 3 - Testing & Eco-Framework



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2729831

## REPORT OF ANALYSIS

CLIENT

: CV. ALIMAN JOYO SAKTI  
Jl. Raya Taman Gg. III No. 43 RT. 012 RW. 003  
Kel. Taman Kec. Taman  
Sidoarjo – Jawa Timur

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

TYPE OF SAMPLE

: Waste Water

TEST REQUIRED

: Ammoniac, Total Suspended Solid, pH, Oil & Grease, BOD, COD and Coliform  
\*) Decree of Ministry of Environment & Forestry of Indonesia of  
No. P. 68/Menlhk/Setjen/Kum.1/8/2016

SAMPLE IDENTIFICATION

: The Following statement was stated by Client and not verified by SUCOFINDO  
" Air Limbah Tinja dari Bio. Xonox Filter Yayasan Panti Asuhan Darussalam Taman  
Pondok Jati Blok Bl-17 Geluran Sidoarjo "

DATE OF RECEIVED

: January 31, 2019

DESCRIPTION OF SAMPLE

: Form : Liquid  
Weight/Volume : 2 L  
Packing : Plastic Jerry Can

PERIOD OF ANALYSIS

: January 31 up to February 14, 2019

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

Parameters	Unit	Test Results	Requirements of Domestic Waste Water	Test Methods
<b>Microbiological :</b>				
• Coliform	MPN/100 mL	> 1600	3000	9221 B # #) •)
<b>Physical &amp; Chemical :</b>				
• Total Suspended Solid	mg/L	1.6	30	2540 D #)
• pH **)	-	7.71	6 – 9	4500-H <sup>+</sup> -B #)
• BOD, 5 days 20 <sup>0</sup> C	mg/L	15.2	30	5210 B #)
• COD by K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>	mg/L	51.6	100	5220 B #)
• Oil & Grease	mg/L	< 0.2	5	5520 B #)
• Ammoniac (NH <sub>3</sub> -N)	mg/L	32.2	10	4500-NH <sub>3</sub> -F #)

#) Standard Methods, 23<sup>rd</sup> Edition, 2017  
APHA-AWWA-WEF

•) Excluded parameters accredited

\*\*) pH measured at Sucofindo Laboratory Sucofindo

# #) Standard Methods, 22<sup>nd</sup> Edition, 2012  
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**ADDENDUM TO  
CERTIFICATE NO. 02784/FOBOAM DATE: MARCH 5, 2019**

The following information is provided in addition to all information stated in the above-mentioned certificate:

Type of Sample : Waste Water  
Sample Identification : " Air Limbah Tinja dari Bio Xonox Filter Yayasan Panti Asuhan  
Darussalam Taman Pondok Jati Blok Bl 17 Geluran – Taman, Sidoarjo "  
Date Received : February 25, 2019  
Period of Analysis : February 25 up to March 12, 2019

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

Parameter	Unit	Test Result	Limit *)	Test Method
• BOD, 5 days 20°C	mg/L	4.2	30	5210 B #)

#) Standard Methods 23<sup>rd</sup> Edition 2017  
APHA-AWWA-WEF

\*) Decree of Ministry of Environment & Forestry of Indonesia of  
No. P. 68/Menlhk/Setjen/Kum.1/8/2016

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**Dept. of Commercial 3 - Testing & Eco-Framework**

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Certificate No. 01535/FOBOAM  
Date: February 7, 2019



Komite Akreditasi Nasional  
Laboratorium Pengujian  
LP-028-IDN

  
SUCOFINDO  
Issuing Office:  
Jl. Jend. A. Yani. No. 315 Surabaya 60234, Indonesia  
Phone/Fax: +62 31 8470547/8470563  
Email: labsurabaya@sucofindo.co.id

## REPORT OF ANALYSIS

CLIENT

: CV. ALIMAN JOYO SAKTI  
Jl. Raya Taman Gg. III No. 43 RT. 012 RW. 003  
Kel. Taman Kec. Taman  
Sidoarjo – Jawa Timur

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

TYPE OF SAMPLE : Waste Water

TEST REQUIRED : Ammoniac, Total Suspended Solid, pH, Oil & Grease, BOD, COD and Coliform  
\*) Decree of Ministry of Environment & Forestry of Indonesia of  
No. P. 68/Menlhk/Setjen/Kum.1/8/2016

SAMPLE IDENTIFICATION : The Following statement was stated by Client and not verified by SUCOFINDO  
" (Air Limbah Tinja dari Xonox Filter) Yayasan Panti Asuhan Darussalam Taman  
Pondok Jati Blok Bl-17 Geluran, Taman, Sidoarjo "

DATE OF RECEIVED : January 22, 2019

DESCRIPTION OF SAMPLE : Form : Liquid  
Weight/Volume : 2 L  
Packing : Plastic & Glass Bottle

PERIOD OF ANALYSIS : January 22 up to February 04, 2019

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

Parameters	Unit	Test Results	Requirements of Domestic Waste Water	Test Methods
<b>Microbiological :</b>				
• Coliform	MPN/100 mL	> 1600	3000	9221 B # *)
<b>Physical &amp; Chemical :</b>				
• Total Suspended Solid	mg/L	8.0	30	2540 D #)
• pH **)	-	7.84	6 – 9	4500-H <sup>+</sup> -B #)
• BOD, 5 days 20 <sup>0</sup> C	mg/L	13.3	30	5210 B #)
• COD by K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>	mg/L	46.6	100	5220 B #)
• Oil & Grease	mg/L	2.8	5	5520 B #)
• Ammoniac (NH <sub>3</sub> -N)	mg/L	29.2	10	4500-NH <sub>3</sub> -F #)

#) Standard Methods, 23<sup>rd</sup> Edition, 2017  
APHA-AWWA-WEF

# #) Standard Methods, 22<sup>nd</sup> Edition, 2012  
APHA-AWWA-WEF

\*) Excluded parameters accredited

\*\*) pH measured at Sucofindo Laboratory Sucofindo

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Certificate No. 02784/FOBOAM  
Date: March 5, 2019



Komite Akreditasi Nasional  
Laboratorium Penguin  
LP-028-IDN

Jl. Jend. A. Yani. No. 315 Surabaya 60234, Indonesia  
Phone/Fax: +62 31 8470547/8470563  
Email: labsurabaya@sucofindo.co.id



Issuing Office:

## REPORT OF ANALYSIS

### CLIENT

: CV. ALIMAN JOYO SAKTI  
Jl. Raya Taman Gg. III No. 43 RT. 012 RW. 003  
Kel. Taman Kec. Taman  
Sidoarjo – Jawa Timur

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

### TYPE OF SAMPLE

: Waste Water

### TEST REQUIRED

: Ammoniac, Total Suspended Solid, pH, Oil & Grease, BOD, COD and Coliform  
\*) Decree of Ministry of Environment & Forestry of Indonesia of  
No. P. 68/Menlhk/Setjen/Kum.1/8/2016

### SAMPLE IDENTIFICATION

: The Following statement was stated by Client and not verified by SUCOFINDO  
"Air Limbah Tinja dari Bio Xonox Filter Yayasan Panti Asuhan Darussalam Taman  
Pondok Jati Blok BI 17 Geluran – Taman, Sidoarjo "

### DATE OF RECEIVED

: February 25, 2019

### DESCRIPTION OF SAMPLE

: Form : Liquid  
Weight/Volume : 3 L  
Packing : Plastic Bottle

### PERIOD OF ANALYSIS

: February 25 up to March 05, 2019

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

Parameters	Unit	Test Results	Requirements of Domestic Waste Water	Test Methods
<b>Microbiological :</b>				
• Coliform	MPN/100 mL	1600	3000	9221 B # *)
<b>Physical &amp; Chemical :</b>				
• Total Suspended Solid	mg/L	1.6	30	2540 D #)
• pH **)	-	7.69	6 – 9	4500-H <sup>+</sup> -B #)
• COD by K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>	mg/L	12.7	100	5220 B #)
• Oil & Grease	mg/L	8.4	5	5520 B #)
• Ammoniac (NH <sub>3</sub> -N)	mg/L	10.3	10	4500-NH <sub>3</sub> -F #)

#) Standard Methods, 23<sup>rd</sup> Edition, 2017  
APHA-AWWA-WEF

\*) Excluded parameters accredited  
\*\*) pH measured at Sucofindo Laboratory Sucofindo

# #) Standard Methods, 22<sup>nd</sup> Edition, 2012  
APHA-AWWA-WEF

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Dept. of Commercial 3 - Testing & Eco-Framework

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Certificate No. 06055/FOBOAK  
Date: October 30, 2017



## REPORT OF ANALYSIS

CLIENT : CV. ALIMAN JOYO SAKTI  
Jl. Raya Taman Gg. III No. 43 RT. 012 RW. 003  
Kel. Taman Kec. Taman  
Sidoarjo – Jawa Timur

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

TYPE OF SAMPLE : Water  
TEST REQUIRED : *Escherichia coli*  
SAMPLE IDENTIFICATION : Following statement were stated by Client and not verified by SUCOFINDO  
" Air Limbah Tinja dari PT. satria wicaksana sejati "  
DATE OF RECEIVED : October 18, 2017  
DESCRIPTION OF SAMPLE : Form : Liquid  
Weight/Volume : 500 mL  
Packing : Glass Bottle  
PERIOD OF ANALYSIS : October 18 up to 25, 2017

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

Parameter	Unit	Test Results	Test Method #)
• <i>Escherichia coli</i>	MPN/100 mL	> 1600	9221 F •)

#) Standard Methods 22<sup>nd</sup> Edition 2012 •) Excluded parameters accredited  
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