

DAFTAR PUSTAKA

- Indeks Kualitas Lingkungan Hidup 2009, Kementerian Negara Lingkungan Hidup Republik Indonesia;
- Keputusan Kepala Bapedal Nomor 107 Tahun 1997 tentang Perhitungan dan Pelaporan serta Informasi Indeks Standar Pencemar Udara;
- Keputusan Menteri Negara Lingkungan Hidup Republik Indonesia Nomor 45 Tahun 1997 tentang Indeks Standart Pencemaran Udara;
- Keputusan Menteri Negara Lingkungan Hidup Republik Indonesia Nomor 48 Tahun 1996 tentang Baku Tingkat Kebisingan;
- Keputusan Menteri Negara Lingkungan Hidup Republik Indonesia Nomor 13 Tahun 1995 tentang: Baku Mutu Emisi Sumber Tidak Bergerak;
- Keputusan Menteri Negara Lingkungan Hidup Republik Indonesia Nomor 5 Tahun 2006 tentang: Baku Mutu Emisi Gas Buang Kendaraan;
- Laporan Kegiatan Pemantauan Kualitas Udara Ambien Provinsi Papua Tahun 2014, Badan Pengelola Lingkungan Hidup Provinsi Papua;
- Laporan Kegiatan Pemantauan Kualitas Udara Ambien Provinsi Papua Tahun 2015, Badan Pengelola Lingkungan Hidup Provinsi Papua;
- Laporan Kegiatan Pemantauan Kualitas Udara Ambien Provinsi Papua Tahun 2016, Badan Pengelola Lingkungan Hidup Provinsi Papua;
- Laporan Pemantauan Kualitas Udara Kabupaten Bantul Tahun 2013, Badan Lingkungan Hidup Kabupaten Bantul;
- Peraturan Pemerintah Nomor 38 tahun 2007 tentang pembagian urusan Pemerintahan antara Pemerintahan Daerah Provinsi dan Pemerintahan Daerah Kabupaten/Kota;
- Peraturan Pemerintah Republik Indonesia Nomor 41 Tahun 1999 tentang Pengendalian Pencemaran Udara;
- Undang-Undang Nomor 32 Tahun 2009 tentang Perlindungan dan Pengelolaan Lingkungan Hidup;

Lampiran 1 Hasil Uji Kualitas Udara Ambien

1. Kabupaten Biak Numfor

Certificate No: 2017-10-AN-7750

Date: 30-10-2017

Page: 1 of 2

Report of Analysis

CLIENT	: Dinas Pengelola Lingkungan Hidup Provinsi Papua Gedung B Lt I Dinas Otonom Provinsi Papua Jl. Raya Abepura, Kotaraja - Jayapura, Papua
SAMPLE TYPE	: UA
SAMPLE DESCRIPTION	: Ambient Air
SAMPLE IDENTIFICATION	: 39-17-UA-3544
SAMPLING DATE	: 07-09-2017
SAMPLING LOCATION	: Kantor Lurah Waupnor Biak (2) (LAT:-1.184, LONG:136.072)
DATE RECEIVED	: 26-09-2017
SUBMITTED BY	: Technician
TESTED FOR	: -
ANALYSIS DATE	: 06-10-2017 s/d 19-10-2017
ANALYSIS ID	: 2017-10-AN-7750
YOUR REFERENCE	:

Head of Testing Laboratory

Chandra Wirman

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Report of Analysis

FISIKA

No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Temperature*	°C	32.2	N/A	AI-IEA-12
2	Pressure*	mmHg	758.1	N/A	AI-IEA-12

KIMIA

No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Nitrogen Dioxide (NO ₂)*	ppb/m ³	0.2494	400*	SNI 19-7119-3-2005
2	Oxidant (O ₃)*	ppb/m ³	0.9958	235*	SNI 19-7119-4-2005
3	Hydrocarbon (HC)	ppb/m ³	2.38	160*	GC-FID
4	Sulphur Dioxide (SO ₂)*	ppb/m ³	16.4569	900*	SNI 19-7119-7-2005

Notes:

*) Accredited Parameters of KAN LP-720-IDN.

1) Quality of Air Ambient National, Regulation Republic Government of Indonesia No. 41/1999.

Head of Testing Laboratory

Chandra Wirman

Report of Analysis

CLIENT : Dinas Pengelola Lingkungan Hidup Provinsi Papua
Gedung B Lt I Dinas Otonom Provinsi Papua Jl.
Raya Abepura, Kotaraja - Jayapura, Papua

SAMPLE TYPE : UA

SAMPLE DESCRIPTION : Ambient Air

SAMPLE IDENTIFICATION : 39-17-UA-3545

SAMPLING DATE : 08-09-2017

SAMPLING LOCATION : PLTD Karang Mulia I PERSERO Wilayah Cab Blak
(I) (LAT:-1.184, LONG:136.072)

DATE RECEIVED : 26-09-2017

SUBMITTED BY : Technician

TESTED FOR : -

ANALYSIS DATE : 06-10-2017 s/d 19-10-2017

ANALYSIS ID : 2017-10-AN-7751

YOUR REFERENCE :

Head of Testing Laboratory

Chandra Wirman

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Report of Analysis

FISIKA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Temperature*	°C	32.5	N/A	AI-IEA-12
2	Pressure*	mmHg	761.1	N/A	AI-IEA-12

KIMIA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Nitrogen Dioxide (NO ₂)*	µg/m ³	0.1711	400*	SNI 19-7119-3-2005
2	Oxidant (O ₃)*	µg/m ³	1.1285	235*	SNI 19-7119.4-2005
3	Hydrocarbon (HC)	µg/m ³	0.03	160*	GC-FID
4	Sulphur Dioxide (SO ₂)*	µg/m ³	16.5584	900*	SNI 19-7119-7-2005

Notes:

*) Accredited Parameters of KAN LP-720-IDN.

1) Quality of Air Ambient National, Regulation Republic Government of Indonesia No. 41/1999.

Head of Testing Laboratory

Chandra Wirman

Report of Analysis

CLIENT : Dinas Pengelola Lingkungan Hidup Provinsi Papua
Gedung B Lt I Dinas Otonom Provinsi Papua Jl.
Raya Abepura, Kotaraja - Jayapura, Papua

SAMPLE TYPE : UA

SAMPLE DESCRIPTION : Ambient Air

SAMPLE IDENTIFICATION : 39-17-UA-3546

SAMPLING DATE : 09-09-2017

SAMPLING LOCATION : HOTEL MANNA (3) (LAT:-1.184, LONG:136.072)

DATE RECEIVED : 26-09-2017

SUBMITTED BY : Technician

TESTED FOR : -

ANALYSIS DATE : 06-10-2017 s/d 19-10-2017

ANALYSIS ID : 2017-10-AN-7752

YOUR REFERENCE :

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Report of Analysis

FISIKA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Temperature*	°C	32.5	N/A	AF-ICA-12
2	Pressure*	mmHg	759.1	N/A	AF-ICA-12

KIMIA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Nitrogen Dioxide (NO ₂)*	ppb/m ³	0.1516	400*	SNI 19-7119-2-2005
2	Oxidant (O ₃)*	ppb/m ³	1.3975	235*	SNI 19-7119-4-2005
3	Hydrocarbon (HC)	ppb/m ³	2.30	160*	GC-FID
4	Sulphur Dioxide (SO ₂)*	ppb/m ³	18.1683	900*	SNI 19-7119-7-2005

Notes:

*) Accredited Parameters of KAN LP-720-IDN.

1) Quality of Air Ambient National Regulation Republic Government of Indonesia No. 41/1999.

Head of Testing Laboratory

Chandra Wirman

2. Kabupaten Jayapura

Certificate No: 2017-10-AN-7744
Date: 30-10-2017
Page: 1 of 2

Report of Analysis

CLIENT : Dinas Pengelola Lingkungan Hidup Provinsi Papua
Gedung B Lt I Dinas Otonom Provinsi Papua Jl.
Raya Abepura, Kotaraja - Jayapura, Papua

SAMPLE TYPE : UA

SAMPLE DESCRIPTION : Ambient Air

SAMPLE IDENTIFICATION : 39-17-UA-3538

SAMPLING DATE : 16-09-2017

SAMPLING LOCATION : PLN SEKTOR SENTANI (I)
(LAT:-2.567, LONG:140.507)

DATE RECEIVED : 26-09-2017

SUBMITTED BY : Technician

TESTED FOR : -

ANALYSIS DATE : 06-10-2017 s/d 19-10-2017

ANALYSIS ID : 2017-10-AN-7744

YOUR REFERENCE :

Head of Testing Laboratory

Chandra Wirman

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Report of Analysis

FISIKA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Temperature*	°C	34.6	N/A	AI-1KA-12
2	Pressure*	mmHg	752.2	N/A	AI-1KA-12

KIMIA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Nitrogen Dioxide (NO ₂)*	ppb/m ³	1.5994	400 ¹⁾	SNI 19-7119-3-2005
2	Oxidant (O ₃)*	ppb/m ³	1.7702	235 ¹⁾	SNI 19-7119-4-2005
3	Hydrocarbon (HC)	ppb/m ³	1.32	160 ¹⁾	GC-FID
4	Sulphur Dioxide (SO ₂)*	ppb/m ³	24.0320	900 ¹⁾	SNI 19-7119-7-2005

Notes:

*) Accredited Parameters of KAN LP-720-IDN.

1) Quality of Air Ambien National, Regulation Republic Government of Indonesia No. 41/1999.

Head of Testing Laboratory

Chandra Wirman

Certificate No: 2017-10-AN-7745

Date: 30-10-2017

Page: 1 of 2

Report of Analysis

CLIENT : Dinas Pengelola Lingkungan Hidup Provinsi Papua
Gedung B Lt I Dinas Otonom Provinsi Papua Jl.
Raya Abepura, Kotaraja - Jayapura, Papua

SAMPLE TYPE : UA

SAMPLE DESCRIPTION : Ambient Air

SAMPLE IDENTIFICATION : 39-17-UA-3539

SAMPLING DATE : 17-09-2017

SAMPLING LOCATION : City Square Borobudur (II)
(LAT:-2.558, LONG:140.501)

DATE RECEIVED : 26-09-2017

SUBMITTED BY : Technician

TESTED FOR : -

ANALYSIS DATE : 06-10-2017 s/d 19-10-2017

ANALYSIS ID : 2017-10-AN-7745

YOUR REFERENCE :

Head of Testing Laboratory

Chandra Wirman

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Report of Analysis

FISIKA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Temperature*	°C	34.9	N/A	AI-IA-12
2	Pressure*	mmHg	758.2	N/A	AI-IA-12

KIMIA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Nitrogen Dioxide (NO ₂)*	ppb/m ³	1.6425	400 ¹⁾	SNI 19-7119-2-2005
2	Oxidant (O ₃)*	ppb/m ³	1.2943	235 ¹⁾	SNI 19-7119-4-2005
3	Hydrocarbon (HC)	ppb/m ³	2.02	180 ¹⁾	GC-FID
4	Sulphur Dioxide (SO ₂)*	ppb/m ³	26.8881	900 ¹⁾	SNI 19-7119-7-2005

Notes:

*) Accredited Parameters of KAN LP-720-IDN.

1) Quality of Air Ambient National Regulation Republic Government of Indonesia No. 41/1999.

Head of Testing Laboratory

Chandra Wirman

Report of Analysis

CLIENT : Dinas Pengelola Lingkungan Hidup Provinsi Papua
Gedung B Lt I Dinas Otonom Provinsi Papua Jl.
Raya Abepura, Kotaraja - Jayapura, Papua

SAMPLE TYPE : UA

SAMPLE DESCRIPTION : Ambient Air

SAMPLE IDENTIFICATION : 39-17-UA-3540

SAMPLING DATE : 18-09-2017

SAMPLING LOCATION : Kantor Bupati Kab. Jayapura Sentani (III)
(LAT:-2.551, LONG:140.473)

DATE RECEIVED : 26-09-2017

SUBMITTED BY : Technician

TESTED FOR : -

ANALYSIS DATE : 06-10-2017 s/d 19-10-2017

ANALYSIS ID : 2017-10-AN-7746

YOUR REFERENCE :

Head of Testing Laboratory

Chandra Wirman

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Report of Analysis

FISIKA

No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Temperature*	°C	33.8	N/A	AI-IA-12
2	Pressure*	mmHg	757.2	N/A	AI-IA-12

KIMIA

No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Nitrogen Dioxide (NO ₂)*	ppb/m ³	0.5173	400 ¹	SNI 19-7119-3-2005
2	Oxidant (O ₃)*	ppb/m ³	1.5613	235 ¹	SNI 19-7119-4-2005
3	Hydrocarbon (HC)	ppb/m ³	1.07	160 ¹	GC-FID
4	Sulphur Dioxide (SO ₂)*	ppb/m ³	16.7149	900 ¹	SNI 19-7119-7-2005

Notes:

*) Accredited Parameters of KAN LP-720-IDN.

1) Quality of Air Ambien National, Regulation Republic Government of Indonesia No. 41/1999.

Head of Testing Laboratory

Chandra Wirman

3. Kabupaten Merauke

Certificate No: 2017-10-AN-7747

Date: 30-10-2017

Page: 1 of 2

Report of Analysis

CLIENT : Dinas Pengelola Lingkungan Hidup Provinsi Papua
Gedung B Lt I Dinas Otonom Provinsi Papua Jl.
Raya Abepura, Kotaraja - Jayapura, Papua

SAMPLE TYPE : UA

SAMPLE DESCRIPTION : Ambient Air

SAMPLE IDENTIFICATION : 39-17-UA-3541

SAMPLING DATE : 14-09-2017

SAMPLING LOCATION : PLTD KELAPA LIMA, DISTRIK MERAUKE (LOKASI
III) (LAT:-8.502, LONG:140.406)

DATE RECEIVED : 26-09-2017

SUBMITTED BY : Technician

TESTED FOR : -

ANALYSIS DATE : 06-10-2017 s/d 19-10-2017

ANALYSIS ID : 2017-10-AN-7747

YOUR REFERENCE :

Head of Testing Laboratory

Chandra Wirman

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Report of Analysis

FISIKA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Temperature*	°C	34.6	NA	AI-KA-12
2	Pressure*	mmHg	753.1	NA	AI-KA-12

KIMIA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Nitrogen Dioxide (NO ₂)*	ppb/m ³	1.3406	400*	SNI 19-7119-3-2005
2	Oxidant (O ₃)*	ppb/m ³	1.3094	235*	SNI 19-7119.4-2005
3	Hydrocarbon (HC)	ppb/m ³	2.02	160*	GC-FID
4	Sulphur Dioxide (SO ₂)*	ppb/m ³	29.2491	900*	SNI 19-7119-7-2005

Notes:

*) Accredited Parameters of KAN LP-720-IDN.

1) Quality of Air Ambient National, Regulation Republic Government of Indonesia No. 41/1999.

Head of Testing Laboratory

Chandra Wirman

Report of Analysis

CLIENT : Dinas Pengelola Lingkungan Hidup Provinsi Papua
Gedung B Lt I Dinas Otonom Provinsi Papua Jl.
Raya Abepura, Kotaraja - Jayapura, Papua

SAMPLE TYPE : UA

SAMPLE DESCRIPTION : Ambient Air

SAMPLE IDENTIFICATION : 39-17-UA-3542

SAMPLING DATE : 13-09-2017

SAMPLING LOCATION : PERUM KOMP. STADION KATAPAL (LOKASI II)
(LAT:0.000, LONG:140.433)

DATE RECEIVED : 26-09-2017

SUBMITTED BY : Technician

TESTED FOR : -

ANALYSIS DATE : 06-10-2017 s/d 19-10-2017

ANALYSIS ID : 2017-10-AN-7748

YOUR REFERENCE :

Head of Testing Laboratory

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Report of Analysis

FISIKA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Temperature*	°C	34.3	N/A	APKA-12
2	Pressure*	mmHg	759.2	N/A	APKA-12

KIMIA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Nitrogen Dioxide (NO ₂)*	ppb/m ³	1.2952	400 ¹⁾	SNI 19-7119-3-2005
2	Oxidant (O ₃)*	ppb/m ³	0.9435	235 ¹⁾	SNI 19-7119-4-2005
3	Hydrocarbon (HC)	ppb/m ³	2.13	180 ¹⁾	GC-FID
4	Sulphur Dioxide (SO ₂)*	ppb/m ³	22.0543	900 ¹⁾	SNI 19-7119-7-2005

Notes:

*) Accredited Parameters of KAN LP-720-IDN.

1) Quality of Air Ambient National Regulation Republic Government of Indonesia No. 41/1999.

Head of Testing Laboratory

Chandra Wirman

Report of Analysis

CLIENT : Dinas Pengelola Lingkungan Hidup Provinsi Papua
Gedung B Lt I Dinas Otonom Provinsi Papua Jl.
Raya Abepura, Kotaraja - Jayapura, Papua

SAMPLE TYPE : UA

SAMPLE DESCRIPTION : Ambient Air

SAMPLE IDENTIFICATION : 39-17-UA-3543

SAMPLING DATE : 13-09-2017

SAMPLING LOCATION : Komp. Pertokoan TOKO INDAH (LOKASI I)
(LAT:-8.489, LONG:140.389)

DATE RECEIVED : 26-09-2017

SUBMITTED BY : Technician

TESTED FOR : -

ANALYSIS DATE : 06-10-2017 s/d 19-10-2017

ANALYSIS ID : 2017-10-AN-7749

YOUR REFERENCE :

Head of Testing Laboratory

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Report of Analysis

FISIKA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHOD SPECIFICATION
1	Temperature*	°C	33.0	N/A	AI-IEA-12
2	Pressure*	mmHg	757.1	N/A	AI-IEA-12

KIMIA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHOD SPECIFICATION
1	Nitrogen Dioxide (NO ₂)*	ppb/m ³	1.7599	400*	SNI 19-7119-3-2005
2	Oxidant (O ₃)*	ppb/m ³	1.1920	235*	SNI 19-7119.4-2005
3	Hydrocarbon (HC)	ppb/m ³	1.35	160*	GC-FID
4	Sulphur Dioxide (SO ₂)*	ppb/m ³	19.6619	900*	SNI 19-7119-7-2005

Notes:

*) Accredited Parameters of KAN LP-720-IDN.

1) Quality of Air Ambient National, Regulation Republic Government of Indonesia No. 41/1999.

Head of Testing Laboratory

Chandra Wirman

4. Kabupaten Jayawijaya

Certificate No: 2017-11-AN-8019
Date: 23-11-2017
Page: 1 of 2

Report of Analysis

CLIENT	: Dinas Pengelola Lingkungan Hidup Provinsi Papua Gedung B Lt I Dinas Otonom Provinsi Papua Jl. Raya Abepura, Kotaraja - Jayapura, Papua
SAMPLE TYPE	: UA
SAMPLE DESCRIPTION	: Ambient Air
SAMPLE IDENTIFICATION	: 44-17-UA-3718
SAMPLING DATE	: 28-09-2017
SAMPLING LOCATION	: PLTD SINAKMA Wamena (LAT:-4.106, LONG:1038.923)
DATE RECEIVED	: 28-09-2017
SUBMITTED BY	: Delivery
TESTED FOR	: Ambient Air Quality
ANALYSIS DATE	: 03-11-2017 s/d 09-11-2017
ANALYSIS ID	: 2017-11-AN-8019
YOUR REFERENCE	:

Head of Testing Laboratory

Chandra Wirman

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Report of Analysis

KIMIA

No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Sulphur Dioxide (SO ₂) ¹⁾	ppm ²⁾	30.6456	900 ¹⁾	SNI 19-7119-7-2005
2	Nitrogen Dioxide (NO ₂) ¹⁾	ppm ²⁾	0.4349	400 ¹⁾	SNI 19-7119-3-2005
3	Oxidant (O ₃) ¹⁾	ppm ²⁾	0.9101	235 ¹⁾	SNI 19-7119-3-2005
4	Hidrokarbon (HC)	ppm ²⁾	5.18	160 ¹⁾	GC-FID

Notes:

1) Accredited Parameters of KAN LP-720-IDN.

2) Quality of Air Ambient National, Regulation Republic Government of Indonesia No. 41/1999.

Head of Testing Laboratory

Chandra Wirman

Report of Analysis

CLIENT : Dinas Pengelola Lingkungan Hidup Provinsi Papua
Gedung B Lt I Dinas Otonom Provinsi Papua Jl.
Raya Abepura, Kotaraja - Jayapura, Papua

SAMPLE TYPE : UA

SAMPLE DESCRIPTION : Ambient Air

SAMPLE IDENTIFICATION : 44-17-UA-3714

SAMPLING DATE : 27-09-2017

SAMPLING LOCATION : Hotel Rannu Jaya I Wamena/ Jayawijaya
(LAT:-4.087, LONG:138.940)

DATE RECEIVED : 27-09-2017

SUBMITTED BY : Delivery

TESTED FOR : Ambient Air Quality

ANALYSIS DATE : 03-11-2017 s/d 09-11-2017

ANALYSIS ID : 2017-11-AN-8020

YOUR REFERENCE :

Head of Testing Laboratory

Chandra Wirman

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Report of Analysis

KIMIA

No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Sulphur Dioxide (SO ₂) ^{*)}	ppb/m ³	27.8943	900 ^{*)}	SNI 19-7119-7-2005
2	Nitrogen Dioxide (NO ₂) ^{*)}	ppb/m ³	1.3707	400 ^{*)}	SNI 19-7119-3-2005
3	Oksidan (CO) ^{*)}	ppb/m ³	0.7348	235 ^{*)}	SNI 19-7119-3-2005
4	Hidrokarbon (HC)	ppb/m ³	4.58	180 ^{*)}	GC-FID

Notes:

*) Accredited Parameters of KAN LP-720-IDN.

1) Quality of Air Ambient National, Regulation Republic Government of Indonesia No. 41/1999.

Head of Testing Laboratory

Chandra Wirman

Report of Analysis

CLIENT : Dinas Pengelola Lingkungan Hidup Provinsi Papua
Gedung B Lt I Dinas Otonom Provinsi Papua Jl.
Raya Abepura, Kotaraja - Jayapura, Papua

SAMPLE TYPE : UA

SAMPLE DESCRIPTION : Ambient Air

SAMPLE IDENTIFICATION : 44-17-UA-3716

SAMPLING DATE : 27-09-2017

SAMPLING LOCATION : Kantor Bupati Wamena Kab Jayawijaya
(LAT:-4.093, LONG:138.939)

DATE RECEIVED : 27-09-2017

SUBMITTED BY : Delivery

TESTED FOR : Ambient Air Quality

ANALYSIS DATE : 03-11-2017 s/d 09-11-2017

ANALYSIS ID : 2017-11-AN-8021

YOUR REFERENCE :

Head of Testing Laboratory

Chandra Wirman

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Report of Analysis

KIMIA					
No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHOD SPECIFICATION
1	Sulphur Dioxide (SO ₂) ¹⁾	ppb/m ³	23.4889	900 ¹⁾	SNI 19-7119-7-2005
2	Nitrogen Dioxide (NO ₂) ¹⁾	ppb/m ³	0.0405	400 ¹⁾	SNI 19-7119-2-2005
3	Oxidant (O ₃) ¹⁾	ppb/m ³	0.6336	235 ¹⁾	SNI 19-7119-3-2005
4	Hydrocarbon (HC)	ppb/m ³	4.47	160 ¹⁾	GC-FID

Notes:

*) Accredited Parameters of KAN LP-720-IDN.

1) Quality of Air Ambient National, Regulation Republic Government of Indonesia No. 41/1999.

Head of Testing Laboratory

Chandra Wirman

5. Kabupaten Mimika

Certificate No: 2017-11-AN-8016
Date: 23-11-2017
Page: 1 of 2

Report of Analysis

CLIENT	: Dinas Pengelola Lingkungan Hidup Provinsi Papua Gedung B Lt I Dinas Otonom Provinsi Papua Jl. Raya Abepura, Kotaraja - Jayapura, Papua
SAMPLE TYPE	: UA
SAMPLE DESCRIPTION	: Ambient Air
SAMPLE IDENTIFICATION	: 44-17-UA-3715
SAMPLING DATE	: 12-10-2017
SAMPLING LOCATION	: PLTD TIMIKA/ PLN TIMIKA (LAT:-4.552, LONG:136.890)
DATE RECEIVED	: 12-10-2017
SUBMITTED BY	: Delivery
TESTED FOR	: Ambient Air Quality
ANALYSIS DATE	: 03-11-2017 s/d 09-11-2017
ANALYSIS ID	: 2017-11-AN-8016
YOUR REFERENCE	:

Head of Testing Laboratory

Chandra Wirman

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Report of Analysis

KIMIA

No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Sulphur Dioxide (SO ₂) ^{*)}	µg/Nm ³	24.1854	900 ^{*)}	SNI 19-7119-7-2005
2	Nitrogen Dioxide (NO ₂) ^{*)}	µg/Nm ³	0.8573	400 ^{*)}	SNI 19-7119-3-2005
3	Oxidant (O ₃) ^{*)}	µg/Nm ³	0.6926	235 ^{*)}	SNI 19-7119-3-2005
4	Hidrokarbon (HC)	µg/Nm ³	3.51	100 ^{*)}	GC-FID

Notes:

*) Accredited Parameters of KAN LP-720-IDN.

1) Quality of Air Ambien National, Regulation Republic Government of Indonesia No. 41/1999.

Head of Testing Laboratory

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Report of Analysis

CLIENT : Dinas Pengelola Lingkungan Hidup Provinsi Papua
Gedung B Lt I Dinas Otonom Provinsi Papua Jl.
Raya Abepura, Kotaraja - Jayapura, Papua

SAMPLE TYPE : UA

SAMPLE DESCRIPTION : Ambient Air

SAMPLE IDENTIFICATION : 44-17-UA-3713

SAMPLING DATE : 11-10-2017

SAMPLING LOCATION : Gor Jl. Charitas (LAT:-4.520, LONG:136.836)

DATE RECEIVED : 11-10-2017

SUBMITTED BY : Delivery

TESTED FOR : Ambient Air Quality

ANALYSIS DATE : 03-11-2017 s/d 09-11-2017

ANALYSIS ID : 2017-11-AN-8017

YOUR REFERENCE :

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Chandra Wirman

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Report of Analysis

KIMIA

No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Sulphur Dioxide (SO ₂) ^a	µg/M ³	21.4218	900 ^a	SNI 19-7119-7-2005
2	Nitrogen Dioxide (NO ₂) ^a	µg/M ³	1.5380	400 ^a	SNI 19-7119-3-2005
3	Oxidant (O ₃) ^a	µg/M ³	0.9301	235 ^a	SNI 19-7119-3-2005
4	Hidrokarbon (HC)	µg/M ³	3.55	100 ^a	GC-FID

Notes:

^a) Accredited Parameters of KAN LP-720-IDN.

1) Quality of Air Ambien National, Regulation Republic Government of Indonesia No. 41/1999.

Head of Testing Laboratory

Chandra Wirman

Report of Analysis

CLIENT : Dinas Pengelola Lingkungan Hidup Provinsi Papua
Gedung B Lt I Dinas Otonom Provinsi Papua Jl.
Raya Abepura, Kotaraja - Jayapura, Papua

SAMPLE TYPE : UA

SAMPLE DESCRIPTION : Ambient Air

SAMPLE IDENTIFICATION : 44-17-UA-3717

SAMPLING DATE : 11-10-2017

SAMPLING LOCATION : Gedung Emeneme Jawara
(LAT:-4.541, LONG:136.876)

DATE RECEIVED : 11-10-2017

SUBMITTED BY : Delivery

TESTED FOR : Ambient Air Quality

ANALYSIS DATE : 03-11-2017 s/d 09-11-2017

ANALYSIS ID : 2017-11-AN-8018

YOUR REFERENCE :

Head of Testing Laboratory

Chandra Wirman

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Report of Analysis

KIMIA

No	PARAMETERS	UNIT	RESULT TEST	REGULATORY LIMIT	METHODS SPECIFICATION
1	Sulphur Dioxide (SO ₂) ^{*)}	ppMm ³	21.7464	900 ¹⁾	SNI 19-7119-7-2005
2	Nitrogen Dioxide (NO ₂) ^{*)}	ppMm ³	0.5411	400 ¹⁾	SNI 19-7119-3-2005
3	Oxidant (O ₃) ^{*)}	ppMm ³	0.7636	235 ¹⁾	SNI 19-7119-3-2005
4	Hidrokarbon (HC)	ppMm ³	2.95	160 ¹⁾	GC-FID

Notes:

*) Accredited Parameters of KAN LP-720-IDN.

1) Quality of Air Ambien National, Regulation Republic Government of Indonesia No. 41/1999.

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