

# REGEN WATERS

LABORATORY • LABORATORIUM

CK. 89/14418/23

4 Woltemade Street / Woltemadestraat 4  
P.O. Box / Posbus 8328  
WITBANK 1035  
Web: www.regenwaters.com

Tel.: 013-690-1487  
Fax / Faks: 013-656-5050  
E-mail / Epos: regenlab@mweb.co.za

## CERTIFICATE OF ANALYSIS

### TRIHALOMETHANE COMPOUNDS (THM)

SAMPLE INFORMATION		LAB NUMBER	D224.D
DATE RECEIVED	27-Sep-13	DATE ANALYZED	2-Oct-13
CLIENT	<b>Steve-Tswete</b>	MATRIX	Water
SAMPLE NAME	<b>Loskop Raw</b>		
CONTAINER	Plastic		
INSTRUMENT	Agilent 7890A GC/MS, Headspace 7697A, Solid Phase Extraction		

COMPOUND	CONCENTRATION	UNITS
Chloroform	<10	µg/liter
Trichloroethene	<10	µg/liter
Bromodichloromethane	<10	µg/liter
Dibromochloromethane	<10	µg/liter
Bromoform	<10	µg/liter

Samples stored at 5°C after acceptance by Regen Waters.

This report is only applicable to the sample provided for testing.

Regen Waters cannot be held accountable for any errors that might have been caused by improper sampling, handling or storage of samples prior to acceptance.

## Trihalomethane Result Interpretation

---

According to the South African National Standards 241-1: Ed1 2011 the limits for trihalomethane content in drinking water are:

Compound	Concentration	Units
Chloroform	≤300	µg/liter
Bromoform	≤100	µg/liter
Dibromochloromethane	≤100	µg/liter
Bromodichloromethane	≤60	µg/liter
Trichloroethene*	≤20	µg/liter

\*Standard from the world health organization drinking water standard 2011 (Not technically a THM but is a frequently requested compound in conjunction with THM analysis.)

Trihalomethanes in potable water is a by-product of disinfection using chlorine and other disinfectants. The concentration of trihalomethanes in potable water needs to be monitored, as long term consumption of high concentrations can lead to chronic ailments.

The sample submitted Steve-Tswete Loskop Raw complies with the standards for trihalomethane content in drinking water.



**P.L.G UYS (M.D)**

# REGEN WATERS

LABORATORY • LABORATORIUM

CK. 89/14418/23

4 Woltemade Street / Woltemadestraat 4  
P.O. Box / Posbus 8328  
WITBANK 1035  
Web: www.regenwaters.com

Tel.: 013-690-1487  
Fax / Faks: 013-656-5050  
E-mail / Epos: regenlab@mweb.co.za

## CERTIFICATE OF ANALYSIS

### SCREENING FOR PHENOLIC COMPOUNDS

#### SAMPLE INFORMATION

DATE RECEIVED	27-Sep-13	LAB NUMBER	D224.D
CLIENT	<b>Steve-Tswete</b>	DATE ANALYZED	4-Oct-13
SAMPLE NAME	<b>Loskop Raw</b>	MATRIX	Water
CONTAINER	Plastic	DILUTION FACTOR	No Dilution
INSTRUMENT	Agilent 7890A GC/MS, Headspace 7697A, Solid Phase Microextraction		

COMPOUND	CONCENTRATION	UNITS
----------	---------------	-------

phenol	<10	µg/liter
2-chlorophenol	<10	µg/liter
2-methylphenol	<10	µg/liter
3+4-methylphenol	<10	µg/liter
2-nitrophenol	<10	µg/liter
2,4-dimethylphenol	<10	µg/liter
2,4-dichlorophenol	<10	µg/liter
2,6-dichlorophenol	<10	µg/liter
4-chloro-3-methylphenol	<10	µg/liter
2,3,5-trichlorophenol	<10	µg/liter
2,4,6-trichlorophenol	<10	µg/liter
2,4,5-trichlorophenol	<10	µg/liter
2,3,4-trichlorophenol	<10	µg/liter
2,3,6-trichlorophenol	<10	µg/liter
2,3,4,6-tetrachlorophenol	<10	µg/liter
2,3,5,6-tetrachlorophenol	<10	µg/liter
3,4,5-trichlorophenol	<10	µg/liter
pentachlorophenol	<10	µg/liter
DINOSEB	<10	µg/liter

<b>TOTAL IDENTIFIED</b>	<b>&lt;10</b>	<b>µg/liter</b>
-------------------------	---------------	-----------------

Samples stored at 5°C after acceptance by Regen Waters.

This report is only applicable to the sample provided for testing.

Regen Waters cannot be held accountable for any errors that might have been caused by improper sampling, handling or storage of samples prior to acceptance.

Results marked "\*" - concentration outside of calibration range, estimate only.

  
P.L.G. UYS (M.D)

Page 1 of 1

# REGEN WATERS

LABORATORY • LABORATORIUM

CK. 89/14418/23

4 Woltemade Street / Woltemadestraat 4  
P.O. Box / Posbus 8328  
WITBANK 1035  
Web: www.regenwaters.com

Tel.: 013-690-1487  
Fax / Faks: 013-656-5050  
E-mail / Epos: regenlab@mweb.co.za

## CERTIFICATE OF ANALYSIS

### TRIHALOMETHANE COMPOUNDS (THM)

#### SAMPLE INFORMATION

		LAB NUMBER	D225.D
DATE RECEIVED	27-Sep-13	DATE ANALYZED	2-Oct-13
CLIENT	<b>Steve-Tswete</b>	MATRIX	Water
SAMPLE NAME	<b>Loskop Final</b>		
CONTAINER	Plastic		
INSTRUMENT	Agilent 7890A GC/MS, Headspace 7697A, Solid Phase Extraction		

#### COMPOUND                      CONCENTRATION                      UNITS

Chloroform	<10	µg/liter
Trichloroethene	<10	µg/liter
Bromodichloromethane	<10	µg/liter
Dibromochloromethane	<10	µg/liter
Bromoform	<10	µg/liter

Samples stored at 5°C after acceptance by Regen Waters.

This report is only applicable to the sample provided for testing.

Regen Waters cannot be held accountable for any errors that might have been caused by improper sampling, handling or storage of samples prior to acceptance.

## Trihalomethane Result Interpretation

---

According to the South African National Standards 241-1: Ed1 2011 the limits for trihalomethane content in drinking water are:

Compound	Concentration	Units
Chloroform	≤300	µg/liter
Bromoform	≤100	µg/liter
Dibromochloromethane	≤100	µg/liter
Bromodichloromethane	≤60	µg/liter
Trichloroethene*	≤20	µg/liter

\*Standard from the world health organization drinking water standard 2011 (Not technically a THM but is a frequently requested compound in conjunction with THM analysis.)

Trihalomethanes in potable water is a by-product of disinfection using chlorine and other disinfectants. The concentration of trihalomethanes in potable water needs to be monitored, as long term consumption of high concentrations can lead to chronic ailments.

The sample submitted Steve-Tswete Loskop Final complies with the standards for trihalomethane content in drinking water.



**P.L.G UYS (M.D)**

# REGEN WATERS

## LABORATORY • LABORATORIUM

CK. 89/14418/23

4 Woltemade Street / Woltemadestraat 4  
 P.O. Box / Posbus 8328  
 WITBANK 1035  
 Web: www.regenwaters.com

Tel.: 013-690-1487  
 Fax / Faks: 013-656-5050  
 E-mail / Epos: regenlab@mweb.co.za

## CERTIFICATE OF ANALYSIS

### SCREENING FOR PHENOLIC COMPOUNDS

#### SAMPLE INFORMATION

<b>DATE RECEIVED</b>	27-Sep-13	<b>LAB NUMBER</b>	D225.D
<b>CLIENT</b>	<b>Steve-Tswete</b>	<b>DATE ANALYZED</b>	4-Oct-13
<b>SAMPLE NAME</b>	<b>Loskop Final</b>	<b>MATRIX</b>	Water
<b>CONTAINER</b>	Plastic	<b>DILUTION FACTOR</b>	No Dilution
<b>INSTRUMENT</b>	Agilent 7890A GC/MS, Headspace 7697A, Solid Phase Microextraction		

COMPOUND	CONCENTRATION	UNITS
----------	---------------	-------

phenol	<10	µg/liter
2-chlorophenol	<10	µg/liter
2-methylphenol	<10	µg/liter
3+4-methylphenol	<10	µg/liter
2-nitrophenol	<10	µg/liter
2,4-dimethylphenol	<10	µg/liter
2,4-dichlorophenol	<10	µg/liter
2,6-dichlorophenol	<10	µg/liter
4-chloro-3-methylphenol	<10	µg/liter
2,3,5-trichlorophenol	<10	µg/liter
2,4,6-trichlorophenol	<10	µg/liter
2,4,5-trichlorophenol	<10	µg/liter
2,3,4-trichlorophenol	<10	µg/liter
2,3,6-trichlorophenol	<10	µg/liter
2,3,4,6-tetrachlorophenol	<10	µg/liter
2,3,5,6-tetrachlorophenol	<10	µg/liter
3,4,5-trichlorophenol	<10	µg/liter
pentachlorophenol	<10	µg/liter
DINOSEB	<10	µg/liter

<b>TOTAL IDENTIFIED</b>	<b>&lt;10</b>	<b>µg/liter</b>
-------------------------	---------------	-----------------

Samples stored at 5°C after acceptance by Regen Waters.

This report is only applicable to the sample provided for testing.

Regen Waters cannot be held accountable for any errors that might have been caused by improper sampling, handling or storage of samples prior to acceptance.

Results marked "E" concentration outside of calibration range, estimate only.

  
 P.L.G. UYS (M.D)

Page 1 of 1