

Trace Inorganic Laboratory
 Certificate of Analysis
 REPORT NUMBER: W2014000674



Health
 Pathology

Rain Again P/L
 PO Box 1076
 PO Box 1076
 Newport Beach NSW - 2106

Sample ID	DOH / Client ID	Sample Description	Site Code	Sample Remarks	Sampling Date	Date Received
2014001326	RainAgain				16/05/2014	20/05/2014

2014001326

Aluminium	<0.01
Antimony	<0.001
Arsenic	<0.001
Barium	<0.005
Boron	<0.1
Cadmium	<0.0005
Calcium	0.1
Chloride	<1
Chromium	<0.005
Copper	<0.005
Fluoride	<0.10
Fluoride (Client Result) *	0.00
Fluoride Ratio	0.00
Iodine	<0.02
Iron	<0.01
Lead	<0.002
Magnesium	0.01
Manganese	<0.005
Mercury	<0.0001
Molybdenum	<0.005
Nickel	<0.01
Nitrate	<1.0
Nitrite	<0.1
pH	6.7
Selenium	<0.002
Silver	<0.002
Sodium	1
Sulfate	<1
TDS	<5
Total Hardness as CaCO ₃	0.3
True Colour	<1
Turbidity	0.1
Zinc	<0.01

Report Remarks :

Results in mg/L except for Turbidity (NTU), Colour (HU), Conductivity ($\mu\text{S}/\text{cm}$) and pH

Disclaimer: The results of analysis contained in the report relate only to the sample(s) tested.

Trace metals results refer to unfiltered samples tested as received.

* NATA accreditation does not cover the performance of this service.

Values with *** exceed Australian Drinking Water Guidelines

Date: Friday, 23 May, 2014



Accredited for compliance with ISO/IEC 17025
 Accreditation Number : 3588

Honway Louie

Honway LOUIE
 Analyst

NSW Health Pathology
 ABN 49 382 586 535

NSW Forensic & Analytical Science Service
 Joseph Street (Weeroona Road entrance), Lidcombe
 PO Box 162, Lidcombe NSW 2141

Method Reference and AWDG -2011: Waters

Parameter	Unit	Guideline Value: Aesthetic ⁽¹⁾	Guideline Value: Health ⁽¹⁾	FASS Method ⁽²⁾ Ref. Number
Alkalinity (as CaCO ₃)	mg/L			WC6
Aluminium	mg/L	0.2	-	TM167/TM168
Ammonia (NH ₃)	mg/L	0.5	-	WC3
Antimony	mg/L		0.003	TM167MS
Arsenic	mg/L		0.01	TM167MS
Beryllium	mg/L		0.06	TM167MS
Barium	mg/L		2.0	TM167MS
Boron	mg/L		4.0	TM167MS
Cadmium	mg/L		0.002	TM167MS
Calcium	mg/L			TM168
Chloride	mg/L	250	-	WC5
Chromium ⁽⁵⁾	mg/L		0.05	TM167MS
Colour (True)	HU	15.0	-	WC3
Copper	mg/L	1	2	TM167MS
Cyanide ⁽⁶⁾	mg/L		0.08	WC4
Fluoride	mg/L		1.5	WC2 / WC5
Iodide	mg/L		0.5	TM166MS
Iron	mg/L	0.3	-	TM168
Lead	mg/L		0.01	TM167MS
Magnesium	mg/L			TM168
Manganese	mg/L	0.1	0.5	TM167MS
Mercury	mg/L		0.001	TM121 / TM167MS
Molybdenum	mg/L		0.05	TM167MS
Nickel	mg/L		0.02	TM167MS
Nitrate	mg/L		50	WC5
Nitrite	mg/L		3	WC5
pH		6.5 - 8.5	-	WC1
Phosphorus ⁽³⁾	mg/L			TM168
Potassium	mg/L			TM168
Selenium	mg/L		0.01	TM167MS
Silver	mg/L		0.1	TM167MS
Sodium	mg/L	180	-	TM168
Silica (as SiO ₂) ⁽⁴⁾	mg/L	80		TM168
Sulphate	mg/L	250	500	WC5
Total Dissolved Solids (TDS)	mg/L	600	-	WC1
Total Hardness as CaCO ₃	mg/L	200	-	TM168
Total Organic Carbon	mg/L			WC11
Turbidity	NTU	5	-	WC1
Uranium	mg/L		0.017	TM167MS
Zinc	mg/L	3	-	TM168

(1) Australian Drinking Water Guideline -6, 2011, NHMRC

(2) Methods are based on Standard methods for the examination of water and waste water, APHA, 21th Ed.

(3) Phosphate can be calculated from water soluble phosphorus.

(4) Silica (SiO₂): only water soluble silica is reported, calculated from Silicon result by IC PAES.

(5) Health guideline is for Cr(VI).

REPORT NUMBER: TIW2014000674

Results in mg/L except for Turbidity (NTU), Colour (HU), Conductivity (µS/cm) and pH

Disclaimer: The results of analysis contained in the report relate only to the sample(s) tested.

Trace metals results refer to unfiltered samples tested as received.

* NATA accreditation does not cover the performance of this service.

Values with *** exceed Australian Drinking Water Guidelines

Date: Friday, 23 May, 2014



Accredited for compliance with ISO/IEC 17025
Accreditation Number: 3588

Honway LOUIE

Analyst

NSW Health Pathology
ABN 49 300 586 635

NSW Forensic & Analytical Science Service
Joseph Street (Weeroona Road entrance), Lidcombe
PO Box 162, Lidcombe NSW 2141