

CERTIFICATE OF ANALYSIS

Batch No:	19-54896	<i>Page</i>	Page 1 of 2
<i>Final Report</i>	792757	<i>Laboratory</i>	Scoresby Laboratory
<i>Client:</i>	Metung Hot Springs Pty Ltd	<i>Address</i>	Caribbean Business Park, 22 Dalmore Drive, Scoresby, VIC 3179
<i>Contact:</i>	C/O Adrian Bromage	<i>Phone</i>	03 8756 8000
<i>Address:</i>	24 Flinns Road Bairnsdale VIC 3875	<i>Fax</i>	03 9763 1862
		<i>Contact:</i>	Brad Snibson Client Manager Brad.Snibson@alsglobal.com
<i>PO No:</i>	Not Available	<i>Date Sampled:</i>	15-Nov-2019
<i>Sampler Name:</i>		<i>Date Samples Received:</i>	18-Nov-2019
<i>ALS Program Ref:</i>	SUNDRY_MEL_CONS	<i>Date Issued:</i>	22-Nov-2019
<i>Program Description:</i>	Sundry Customer Program for Melbourne		
<i>Client Ref:</i>	Metung Hot Springs		

The hash (#) below indicates methods not covered by NATA accreditation in the performance of this service.

Analysis	Method	Laboratory	Analysis	Method	Laboratory
Chloride	WD045G	Scoresby	Colilert (2000)	MM514	Scoresby
Fluoride	WK040LL	Scoresby	MS Total Metals	WG020A	Scoresby
NO2 as N (SFA)	EK057SF	Scoresby	NO3 as N (SFA)	EK058SF	Scoresby
OES Scan	WG005A (Si not NATA); EA065-69	Scoresby	pH	WA005	Scoresby
TDS at 180°C +/- 5°C	WA015	Scoresby	SO4 DA	WD041G	Scoresby
Turbidity	WA045	Scoresby			

Result for pH in water tested in the laboratory may be indicative only as holding time is generally not achievable.

Analysis conducted outside holding time due to late arrival or delayed extraction/analysis. Based on APHA, VICEPA, AS & NEPM. Results are approximate and for indicative purposes only.

Late Sample Arrival - Colilert (2000)[6343309] NO2 as N (SFA)[6343309] Turbidity[6343309]

Signatories

Name	Title	Name	Title
Chatura Perera	Team Leader Nutrients	Chatura Perera	Team Leader Nutrients
Joseph De Alwis	Analyst	John Earl	Team Leader Metals
Mario Solorzano	Analyst	Natacha Begue	Team Leader Microbiology



Accreditation No. 992
Accredited for compliance with
ISO/IEC 17025 - Testing

Samples not collected by ALS and are tested as received.

Soil microbiological testing was commenced within 4 days from the day collected unless otherwise stated.

MM524: Plate count results <10 per mL and >300 per mL are deemed as approximate.

MM526: Plate count results <2,500 per mL and >250,000 per mL are deemed as approximate.

Calculated results are based on raw data.

Legionella species refers to Legionella species other than Legionella pneumophila

Measurement Uncertainties values for your compliance results are available at this link



Sample No	Site Code	Site Description	Sample Type	Sampled Date/Time
6343309		Metung Hot Spring	WATER	15/11/19

Analysis - Analyte	Sample No. Site Code Units	6343309
NO3 as N (SFA) - Nitrate, as N	mg N / L	0.004
NO2 as N (SFA) - Nitrite, as N	mg N / L	<0.002
pH - pH, units	Units	8.6
TDS at 180°C +/- 5°C - Total Dissolved Solids	mg/L	1800
Turbidity - Turbidity, NTU	NTU	1.4
Fluoride - Fluoride, as F	mg/L	0.61
Chloride - Chloride, as Cl	mg/L	900
SO4 DA - Sulphate, as SO4	mg/L	<1
MS Total Metals - Aluminium	mg/L	0.03
MS Total Metals - Antimony	mg/L	<0.001
MS Total Metals - Arsenic	mg/L	<0.001
MS Total Metals - Barium	mg/L	0.065
MS Total Metals - Boron	mg/L	1.4
MS Total Metals - Cadmium	mg/L	<0.0002
MS Total Metals - Chromium	mg/L	0.002
MS Total Metals - Copper	mg/L	<0.001
MS Total Metals - Iron	mg/L	0.88
MS Total Metals - Lead	mg/L	0.001
MS Total Metals - Manganese	mg/L	0.012
MS Total Metals - Mercury	mg/L	<0.0001
MS Total Metals - Nickel	mg/L	<0.001
MS Total Metals - Selenium	mg/L	<0.001
MS Total Metals - Zinc	mg/L	0.003
OES Scan - Hardness, as CaCO3	mg/L	130
OES Scan - Calcium	mg/L	17
OES Scan - Magnesium	mg/L	21
OES Scan - Potassium	mg/L	25
OES Scan - Sodium	mg/L	690
Colilert (2000) - E.coli MPN Colilert	orgs/100mL	0

A blank space indicates no test performed.