ISOTOPE TRACER TECHNOLOGIES INC

Isotope Analyses for:
Arcadis-Chile

IT2 FILE # 150054

2015-03-30

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Client: Arcadis Chile
Antonio Varas 621, Providencia
CP 7500966, Santiago, Chile
Tel: +56 2 23862030

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$\delta^{18}O$ Analyses Results :

File Number: **150054**
Project Number:

#	Sample ID	Sample #	$\delta^{18}O$	Aver	Stdv
			H_2O	VSMOW	
1	9	29936	X	-7.04	0.09
2	10	29937	X	-7.18	0.03
3	11	29938	X	-7.33	0.06
4	12	29939	X	-7.31	0.10
5	13	29940	X	-9.08	0.03
6	14	29941	X	-8.39	0.03
7	15	29942	X	-9.43	0.04
8	16	29943	X	-9.77	0.02
9	17	29944	X	-9.42	0.03
10	18	29945	X	-10.60	0.04
11	19	29946	X	-9.39	0.04
12	20	29947	X	-5.72	0.07
13	45	29948	X	1.76	0.13
14	46	29949	X	5.58	0.07
15	47	29950	X	-7.09	0.03
16	48	29951	X	-6.68	0.01
17	49	29952	X	-7.09	0.03
18	50	29953	X	-4.75	0.10
19	51	29954	X	-7.48	0.06
20	59	29955	X	-5.21	0.08

Insturment Used: Cavity Ring Down Spectroscopy (CRDS)
CRDS (Model L1102-i) (Piccaro, California, USA).
Standard Used:
IT^2-13 / IT^2-14 / IT^2-12 Calabirated with IAEA Standards (V-SMOW, SLAP, and GISP)
Typical Standard deviation:
±0.1‰

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δ^2H Analyses Results :

File Number: **150054**
Project Number:

#	Sample ID	Sample #	δ^2H	Aver	Stdv
			H_2O	VSMOW	
1	9	29936	X	-63.1	0.2
2	10	29937	X	-63.4	0.2
3	11	29938	X	-64.1	0.2
4	12	29939	X	-66.8	0.2
5	13	29940	X	-62.1	0.2
6	14	29941	X	-56.5	0.2
7	15	29942	X	-64.9	0.3
8	16	29943	X	-67.7	0.2
9	17	29944	X	-64.9	0.2
10	18	29945	X	-74.5	0.3
11	19	29946	X	-64.7	0.3
12	20	29947	X	-62.1	0.4
13	45	29948	X	-31.0	0.3
14	46	29949	X	-15.8	0.5
15	47	29950	X	-64.4	0.2
16	48	29951	X	-62.7	0.8
17	49	29952	X	-64.5	0.2
18	50	29953	X	-59.0	0.3
19	51	29954	X	-66.5	0.2
20	59	29955	X	-60.9	0.3

Insturment Used: Cavity Ring Down Spectroscopy (CRDS)
CRDS (Model L1102-i) (Piccaro, California, USA).
Standard Used:
IT^2-13 / IT^2-14 / IT^2-12 Calibrated with IAEA Standards (V-SMOW, SLAP, and GISP)
Typical Standard deviation:
±1‰