

Report Date: Wednesday, April 20, 2013
Received Date: Wednesday, March 30, 2013
Received Time: 9:00 am
Turnaround Time: Normal

Client: Activated Carbon Innovations cc.
P O Box 17990 Sunward Park, 1470
Boksburg South Africa

Phone: 072-880-8840
FAX: 2786-509-2741

Attn: Malcolm Bland

Project: Ref. 110322M

P.O.#:

Certificate of Analysis

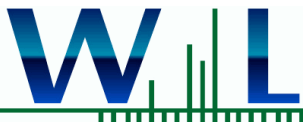
Work Order No: 1D07028-01
Sampled by: Client

Sample ID: Carbon Sample
Sampled: 03/30/13 00:00

Matrix: Carbon
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dilution	Method	Prepared	Analyzed	Batch
Apparent Density.....	0.389	A-01	g/cc		1x1	ASTM D2854	04/11/13 10:19	04/15/13 12:55	W1D0367
Ash Content %.....	1.55		% by Weight	0.0100	1x1	ASTM 2866	04/11/13 10:20	04/11/13 18:11	W1D0368
Ball-Pan Hardness Number.....	98		Units		1x1	ASTM D3802	04/12/13 11:38	04/20/13 10:30	W1D0427
Iodine, Triple Point.....	879		mg I2/g GAC		1x1	ASTM D4607	04/12/13 11:39	04/19/13 11:46	W1D0428
Moisture @ ASTM D2867.....	8.63		% by Weight	0.0100	1x1	ASTM D2867	04/11/13 17:47	04/12/13 15:22	W1D0399
Water Solubles.....	0.86		%	0.010	1x1	ASTM D5029	04/12/13 11:39	04/20/13 14:25	W1D0429

Case Narrative:



Certificate of Analysis



Authorized Signature

Contact: Brandon Gee (Project Manager)

ELAP # 1132
LACSD # 10143
NELAC # 04229CA



The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

Notes:

The Chain of Custody document is part of the analytical report.

Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.

All results are expressed on wet weight basis unless otherwise specified.

Dil = The total dilution factor is expressed as a multiplication between the preparation dilution factor (a) and the analysis dilution factor (b) as "a x b". (a) and (b) are indicated as whole numbers with rounding up for ≥ 0.5 and off for < 0.5

ND = NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL)

Sub = Subcontracted analysis, original report enclosed.

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services.

The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL).

For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002

Flags for Data Qualifiers:

A-01 = Moisture included.