Client: Carlson Company LLC
Addr: 6660 Delmonico Drive, Ste. 425
Colorado Springs, CO 80919-1899
Phone: (719) 531-6666
Contact: Denny Seilheimer

First Name: James
Last Name: Higgins
ID: N/A

Test Name: Complete Heavy Metals Test
Profile: BCC2047
Media: Blood
Reason: Other

Specid: Higgins-1
Acc #: 140100065
Collected:
Received: 1/10/2014 11:23 AM
Released: 1/10/2014 4:03 PM
Status: Complete

Substance	Lab Result	Test Value		High Value	Test Method
LITHIUM	< 0.01 ug/L	0.01 ug/L	H	0.001 ug/L	ICPMS
BERYLLIUM	< 0.01 ug/L	0.01 ug/L	H	0.001 ug/L	ICPMS
ALUMINUM	Detected	67 ug/L	H	5 ug/L	ICPMS
CHROMIUM	Detected	4 ug/L		20 ug/L	ICPMS
MANGANESE	Detected	53 ug/L	H	1 ug/L	ICPMS
COBALT	< 0.01 ug/L	< 0.01 ug/L		0.4 ug/L	ICPMS
NICKEL	Detected	0.3 ug/L		28 ug/L	ICPMS
COPPER	Detected	1410 ug/L	H	1400 ug/L	ICPMS
ZINC	Detected	11310 ug/L	H	1000 ug/L	ICPMS
ARSENIC	Detected	3 ug/L		23 ug/L	ICPMS
SELENIUM	Detected	2283 ug/L	H	200 ug/L	ICPMS
SILVER	< 0.01 ug/L	< 0.01 ug/L		2 ug/L	ICPMS
CADMIUM	Detected	39 ug/L	H	4 ug/L	ICPMS
TIN	Detected	1.5 ug/L		2 ug/L	ICPMS
ANTIMONY	Detected	1.7 ug/L		10 ug/L	ICPMS
BARIUM	Detected	19 ug/L	H	1 ug/L	ICPMS
PLATINUM	< 0.01 ug/L	0.01 ug/L	H	0.001 ug/L	ICPMS
MERCURY	< 0.01 ug/L	< 0.01 ug/L		35 ug/L	ICPMS
LEAD	Detected	0.4 ug/L		250 ug/L	ICPMS
THORIUM	< 0.01 ug/L	0.01 ug/L	H	0.001 ug/L	ICPMS
URANIUM	< 0.01 ug/L	0.01 ug/L	H	0.001 ug/L	ICPMS

Test Comment:

The preceding result has been reviewed and is certified to be as reported. J Thornton (Certifying Scientist)

Disclaimer: The Carlson Company LLC is not licensed to practice medicine or law in any state.

This report is not intended to diagnose, treat, cure, or prevent a disease, medical condition or illness whether physical or mental. We suggest that you consult your physician in the event you believe your test result may merit his or her evaluation.

Comment

Twelve (12) of the twenty-one(21) metals detected above recommended high levels. Elevated Selenium which can be explained easily by the sample donor taking supplements. The same holds for Zinc and Manganese. The Cadmium elevation maybe due to cigarette use.

The test result reported above was detected using the protocol reported. If your test result is endogenous or negative then possibly the toxin, poison, or drug ingested might be detected using another testing protocol. Please call our office or send an email for additional information.

Additional information referencing text detections if reported can be found at www.wikipedia.com. Never assume that this test evaluation is inclusive of all toxilogical possibilities. We do not offer a "one size fits all" testing evaluation. You should consider additional testing to ferret out other chemicals, toxins, poisons, drugs or unknowns which did or are presently causing an adverse effect on the health and wellbeing of the sample donor. Please learn more by calling our office toll free at 1-866-889-3410 or send email.

Lab Testing Standards

The accuracy and precision of your sample testing results are regulated by The College of American Pathology and Clinical Laboratory Improvement Amendments. CAP sends our lab proficiency test samples regularly. Our lab test results must be within the 90th percentile of all laboratories that are being tested under the same methodology. Tandem GCMS (Gas Chromatography-Mass Spectrometry) is used with hair strand segmentation testing. Our testing methodology for segmented hair strands has been validated and utilized in support of numerous test cases without legal challenge.

Lab Affiliations / Associations / Memberships

CAP- College of American Pathologists

DATIA - The Drug and Alcohol Testing Association

DEA – The U.S Drug Enforcement Administration

Employment of State of the Art Technology to
include EIA, GCMS, ICPMS, LCMS, HPL
and Microscopic Analysis

Methodology

Using state of the art technology to include EIA, GCMS, ICPMS, LCMS, HPL, and Microscopic Analysis plus additional testing protocols as required.