



CHEMICAL ANALYSIS REPORT

THEODOR STERLING ASSOCIATES
ATTN: M GLASSCO
310 - 1122 MAINLAND STREET
VANCOUVER BC V8B 6L1

DATE: April 26, 2002

Lab Work Order #: L62791
Project P.O. #: 50267
Project Reference: 50267

Sampled By: TS

Date Received: 22-APR-02

Comments:

APPROVED BY: 
LARRY SERBIN
Project Manager

THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN AUTHORITY OF THE LABORATORY.
ALL SAMPLES WILL BE DISPOSED OF AFTER 30 DAYS FOLLOWING ANALYSIS. PLEASE CONTACT THE LAB IF YOU
REQUIRE ADDITIONAL SAMPLE STORAGE TIME.

LABORATORY ACCREDITATIONS:
- STANDARDS COUNCIL OF CANADA IN COOPERATION WITH THE CANADIAN ASSOCIATION FOR ENVIRONMENTAL ANALYTICAL LABORATORIES (CAEAL)
FOR SPECIFIC TESTS AS REGISTERS BY THE COUNCIL (EDMONTON, CALGARY, GRANDE PRATRIE, SASKATOON, WINNIPEG, THUNDER BAY, WATERLOO)
- AMERICAN INDUSTRIAL HYGIENE ASSOCIATION (AIHA) IN THE INDUSTRIAL HYGIENE PROGRAM (EDMONTON, WINNIPEG)
- STANDARDS COUNCIL OF CANADA IN COOPERATION WITH THE CANADIAN FOOD INSPECTION AGENCY (CFIA) FOR FERTILIZER AND FEED TESTING
(SASKATOON) AND FOR MICROBIOLOGICAL TESTING IN FOOD (WINNIPEG)
LABORATORY RECOGNITIONS:
- STANDARDS COUNCIL OF CANADA - GLP COMPLIANT FACILITY (EDMONTON, OTTAWA)

L62791 Cont

Page 1 of 1

FORMIC ACID AND pH ANALYSIS

DATE ANALYZED: April 22, 2002

ENVIRO-TEST CHEMICAL ANALYSIS REPORT

TEST: FORMIC ACID AND pH ANALYSIS IN DUST

LAB SAMPLE I.D.	SAMPLE I.D.	RESULTS	
		Formic Acid (mg/Kg)	pH
L62791-1	1 BAY 1-1	2200	7.0
L62791-2	2 BAY 1-2	870	7.0
L62791-3	3 BAY 2-2	2100	7.0
L62791-4	4 BAY 2-1	1400	7.0
Detection limit			
Spike Recovery (%)		100	
Method: HSOP 16.01 (modified)		100	

05/01/2002 12:55 FAX 604 557 2655

Cascade Aerospace

004

04/23/2002 15:01 FAX 1 780 424 4602

ETL 10158-103 ST



CHEMICAL ANALYSIS REPORT

THEODOR STERLING ASSOCIATES

ATTN: M GLASSCO

DATE: April 23, 2002

310 - 1122 MAINLAND STREET

VANCOUVER BC V8B 6L1

Lab Work Order #: L62791

Sampled By: TG

Date Received: 04/22/02

Project P.O. #: 50267

Project Reference: 50267

Comments:

APPROVED BY:

Larry Gerbin

Project Manager

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LABORATORY ACCREDITATIONS:

- STANDARDS COUNCIL OF CANADA IN COOPERATION WITH THE CANADIAN ASSOCIATION FOR ENVIRONMENTAL ANALYTICAL LABORATORIES (CAEAL) FOR SPECIFIC TESTS AS REGISTERED BY THE COUNCIL (EDMONTON, CALGARY, GRANDE PRAIRIE, SASKATOON, WINNIPEG, THUNDER BAY, WATERLOO)
- AMERICAN INDUSTRIAL HYGIENE ASSOCIATION (AIHA) IN THE INDUSTRIAL HYGIENE PROGRAM (EDMONTON, WINNIPEG)
- STANDARDS COUNCIL OF CANADA IN COOPERATION WITH THE CANADIAN FOOD INSPECTION AGENCY (CFIA) FOR FORTY-SEVEN AND FIBRE TESTING (LABORATORY) AND FOR MICROBIOLOGICAL TESTING IN FOOD (WINNIPEG)
- STANDARDS COUNCIL OF CANADA - GLP COMPLIANT FACILITY (EDMONTON, OTTAWA)

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FROM

ENVIRO-TEST CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	D.L.	Units	Extracted	Analyzed	By
L82791-3	3 BAY 2-2							
	Sample Date: 18-APR-02							
	Matrix: DUST							
		%						
	Metals							
	Silver (Ag)		5	1	mg/kg		23-APR-02	OL
	Aluminum (Al)	14.2%	142000	10	mg/kg		24-APR-02	OL
	Arsenic (As)		6.9	0.1	mg/kg		23-APR-02	OL
	Barium (Ba)	0.42	4210	0.5	mg/kg		23-APR-02	OL
	Beryllium (Be)		<1	1	mg/kg		23-APR-02	OL
	Calcium (Ca)		40500	100	mg/kg		23-APR-02	OL
	Cadmium (Cd)		705	0.5	mg/kg		23-APR-02	OL
	Cobalt (Co)		18	1	mg/kg		23-APR-02	OL
	Chromium (Cr)	0.11	1130	0.8	mg/kg		23-APR-02	OL
	Copper (Cu)	0.54	5410	1	mg/kg		23-APR-02	OL
	Iron (Fe)	1.61	16100	100	mg/kg		23-APR-02	OL
	Mercury (Hg)		0.05	0.01	mg/kg		23-APR-02	OL
	Potassium (K)		2800	20	mg/kg		23-APR-02	OL
	Magnesium (Mg)		5650	10	mg/kg		23-APR-02	OL
	Manganese (Mn)		1180	20	mg/kg		23-APR-02	OL
	Molybdenum (Mo)		57	1	mg/kg		23-APR-02	OL
	Sodium (Na)		3400	100	mg/kg		23-APR-02	OL
	Nickel (Ni)		144	2	mg/kg		23-APR-02	OL
	Lead (Pb)		679	5	mg/kg		23-APR-02	OL
	Antimony (Sb)		21.9	0.1	mg/kg		23-APR-02	OL
	Selenium (Se)		11.5	0.1	mg/kg		23-APR-02	OL
	Tin (Sn)		13	5	mg/kg		23-APR-02	OL
	Strontium (Sr)	0.15	1510	1	mg/kg		23-APR-02	OL
	Vanadium (V)		32	1	mg/kg		23-APR-02	OL
	Tungsten (W)		<5	5	mg/kg		23-APR-02	OL
	Zinc (Zn)	0.26	2630	0.8	mg/kg		23-APR-02	OL
	Zirconium (Zr)		58	5	mg/kg		23-APR-02	OL

Methodology Reference

ETL Test Code

Test Description

Methodology Reference (In-House Standard
Operating Procedures which Generally Follow:)

METAL-ED

Metals

NIOSH 7300 Modified for ICP/MS