

Client: LIFE'S PURE ESSENTIALS  
Job Number: 105488

Sample Preparation: Three samples were scraped and composited. The sample (0.2g) was weighed and digested with 3.5mL aqua regia, followed by hydrogen peroxide. Following cooling, internal standard was added and the sample was diluted to a final mass of 50g.

Selected Metals by SOP 7040, Rev 9  
Quantitative Analysis Report  
Inductively Coupled Plasma-Mass Spectrometry

Parts Per Million (µg/g)

<u>Sample ID</u>	<u>Arsenic</u>	<u>Cadmium</u>	<u>Lead</u>	<u>Mercury</u>
W. Christman (comp. of 3)	0.11	ND	0.27	ND
Detection Limit:	0.05	0.02	0.02	0.02

Date Analyzed: 05-15-08

Quality Control Summary

Sample: W. Christman (comp.of 3)

<u>Analyte</u>	<u>Sample Result</u>	<u>Duplicate Result</u>	<u>Average Result</u>	<u>Sample RPD</u>	<u>Spike Conc</u>	<u>Spike Result</u>	<u>Spike % Rec</u>
Arsenic	0.11	0.14	0.13	NA	2.42	2.75	108
Cadmium	ND	ND	ND	NA	24.2	22.1	91
Lead	0.27	0.28	0.28	NA	24.2	25.8	105
Mercury	ND	ND	ND	NA	2.42	2.41	100

Date Analyzed: 05-15-08

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Organochlorine Pesticides and PCB's by EPA 608

Sample: W. Christman

Parts per Billion (µg/kg)

<u>Compound</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Blank Result</u>	<u>Detection Limit</u>
Aldrin	ND	10	ND	10
alpha-BHC	ND	10	ND	10
beta-BHC	ND	20	ND	20
gamma-BHC (Lindane)	ND	10	ND	10
delta-BHC	ND	10	ND	10
alpha-Chlordane	ND	10	ND	10
gamma-Chlordane	ND	10	ND	10
4,4'-DDD	ND	20	ND	20
4,4'-DDE	ND	20	ND	20
4,4'-DDT	ND	20	ND	20
Dieldrin	ND	20	ND	20
Endosulfan I	ND	10	ND	10
Endosulfan II	ND	20	ND	20
Endosulfan sulfate	ND	20	ND	20
Endrin	ND	20	ND	20
Endrin aldehyde	ND	20	ND	20
Endrin Ketone	ND	20	ND	20
Heptachlor	ND	10	ND	10
Heptachlor epoxide	ND	10	ND	10
Methoxychlor	ND	100	ND	100
Toxaphene	ND	1,000	ND	1,000
PCB-1016	ND	500	ND	500
PCB-1221	ND	500	ND	500
PCB-1232	ND	500	ND	500
PCB-1242	ND	500	ND	500
PCB-1248	ND	500	ND	500
PCB-1254	ND	500	ND	500
PCB-1260	ND	500	ND	500

Date Extracted: 05-14-08

Date Analyzed: 05-14-08

<u>Surrogate</u>	<u>QC Limits</u>	<u>Sample Percent Recovery</u>	<u>Blank Percent Recovery</u>
Tetrachloro-m-xylene	51 - 173	116	120
Decachlorobiphenyl	33 - 162	127	119

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### Quality Control Summary

Batch ID: W. Christman

<u>Compound</u>	<u>Sample Result</u>	<u>Spike Conc</u>	<u>Spike Result</u>	<u>Spike % Rec</u>	<u>Spike Dup Result</u>	<u>Spike Dup % Rec</u>	<u>Spike RPD</u>
Aldrin	ND	227	221	97	231	102	4
Lindane	ND	227	216	95	214	94	0
4,4'-DDT	ND	455	448	98	456	100	2
Dieldrin	ND	455	480	105	458	101	5
Endrin	ND	455	546	120	530	116	3
Heptachlor	ND	227	222	98	222	98	0

### QC Limits

<u>Compound</u>	<u>RPD</u>	<u>%Recovery</u>
Aldrin	21	67 - 129
Lindane	19	65 - 135
4,4'-DDT	34	42 - 160
Dieldrin	32	45 - 147
Endrin	22	65 - 145
Heptachlor	21	62 - 134

### Laboratory Fortified Blank

Batch ID: 051408O

<u>Compound</u>	<u>Sample Result</u>	<u>Spike Conc</u>	<u>Spike Result</u>	<u>Spike % Rec</u>
Aldrin	ND	250	218	87
Lindane	ND	250	234	94
4,4'-DDT	ND	500	485	97
Dieldrin	ND	500	495	99
Endrin	ND	500	556	111
Heptachlor	ND	250	240	96

### QC Limits

<u>Compound</u>	<u>%Recovery</u>
Aldrin	67 - 129
Lindane	65 - 135
4,4'-DDT	42 - 160
Dieldrin	45 - 147
Endrin	65 - 145
Heptachlor	62 - 134