

HAIR ELEMENTS



The Great Plains Laboratory, Inc.

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LAB#:
PATIENT:
ID:
SEX:
AGE:

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	40	< 8.0	[Bar chart showing result at 68th percentile]	
Antimony	0.14	< 0.0000	[Bar chart showing result at 68th percentile]	
Arsenic	0.067	< 0.080	[Bar chart showing result at 68th percentile]	
Beryllium	< 0.01	< 0.020	[Bar chart showing result at 68th percentile]	
Bismuth	0.034	< 2.0	[Bar chart showing result at 68th percentile]	
Cadmium	0.64	< 0.15	[Bar chart showing result at 68th percentile]	
Lead	1.9	< 1.0	[Bar chart showing result at 68th percentile]	
Mercury	< 0.03	< 0.40	[Bar chart showing result at 68th percentile]	
Platinum	0.003	< 0.005	[Bar chart showing result at 68th percentile]	
Thallium	0.005	< 0.010	[Bar chart showing result at 68th percentile]	
Thorium	< 0.001	< 0.005	[Bar chart showing result at 68th percentile]	
Uranium	0.011	< 0.060	[Bar chart showing result at 68th percentile]	
Nickel	0.66	< 0.40	[Bar chart showing result at 68th percentile]	
Silver	68	< 0.20	[Bar chart showing result at 68th percentile]	
Tin	1.0	< 0.30	[Bar chart showing result at 68th percentile]	
Titanium	1.0	< 1.0	[Bar chart showing result at 68th percentile]	
Total Toxic Representation			[Bar chart showing total representation]	

ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE				
			2.5 th	16 th	50 th	84 th	97.5 th
Calcium	653	125- 370	[Bar chart showing result between 50th and 84th percentiles]				
Magnesium	61	12- 30	[Bar chart showing result between 50th and 84th percentiles]				
Sodium	85	12- 90	[Bar chart showing result between 50th and 84th percentiles]				
Potassium	89	12- 40	[Bar chart showing result between 50th and 84th percentiles]				
Copper	30	8.0- 16	[Bar chart showing result between 50th and 84th percentiles]				
Zinc	69	100- 190	[Bar chart showing result between 50th and 84th percentiles]				
Manganese	1.4	0.20- 0.55	[Bar chart showing result between 50th and 84th percentiles]				
Chromium	0.49	0.26- 0.50	[Bar chart showing result between 50th and 84th percentiles]				
Vanadium	0.56	0.030- 0.10	[Bar chart showing result between 50th and 84th percentiles]				
Molybdenum	0.19	0.050- 0.13	[Bar chart showing result between 50th and 84th percentiles]				
Boron	1.1	0.60- 4.0	[Bar chart showing result between 50th and 84th percentiles]				
Iodine	1.7	0.25- 1.3	[Bar chart showing result between 50th and 84th percentiles]				
Lithium	< 0.004	0.007- 0.023	[Bar chart showing result between 50th and 84th percentiles]				
Phosphorus	203	160- 250	[Bar chart showing result between 50th and 84th percentiles]				
Selenium	0.67	0.95- 1.7	[Bar chart showing result between 50th and 84th percentiles]				
Strontium	1.7	0.16- 1.0	[Bar chart showing result between 50th and 84th percentiles]				
Sulfur	52000	45500- 53000	[Bar chart showing result between 50th and 84th percentiles]				
Barium	1.3	0.16- 0.80	[Bar chart showing result between 50th and 84th percentiles]				
Cobalt	0.025	0.013- 0.035	[Bar chart showing result between 50th and 84th percentiles]				
Iron	21	8.0- 19	[Bar chart showing result between 50th and 84th percentiles]				
Germanium	0.043	0.045- 0.065	[Bar chart showing result between 50th and 84th percentiles]				
Rubidium	0.10	0.016- 0.18	[Bar chart showing result between 50th and 84th percentiles]				
Zirconium	4.9	0.040- 1.0	[Bar chart showing result between 50th and 84th percentiles]				

SPECIMEN DATA

COMMENTS:
 Date Collected: _____ Sample Size: _____
 Date Received: _____ Sample Type: _____
 Date Completed: _____ Hair Color: _____
 _____ Treatment: _____
 Methodology: _____ Shampoo: _____

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	10.7	4- 30
Ca/P	3.22	0.8- 8
Na/K	0.955	0.5- 10
Zn/Cu	2.3	4- 20
Zn/Cd	108	> 800

V06.99

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