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Table 1

100

SPECIMEN DATA				RATIOS		
COMMENTS:				ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected:	3/14/2009	Sample Size:	0.202 g	CaO ₂	3.85	1- 25
Date Received:	3/24/2009	Sample Type:	Dred	CaP	10.8	1- 12
Date Completed:	3/25/2009	Wet/Clean:	Brown	Na ₂ S	0	0- 500
Methodology:	ICP-OES	Treatment:		Ca ₂ S	14.2	1- 25
		Moisture:	Percent	Ca ₂ S	2,000	1- 100

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	3.4	< 7.0		
Antimony	< 0.01	< 0.050		
Arsenic	0.020	< 0.060		
Beryllium	< 0.01	< 0.020		
Bismuth	0.041	< 0.10		
Cadmium	0.009	< 0.10		
Lead	0.04	< 1.0		
Mercury	0.33	< 1.1		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.010		
Thorium	< 0.001	< 0.005		
Uranium	0.20	< 0.060		
Nickel	0.10	< 0.40		
Silver	0.02	< 0.15		
Tin	0.04	< 0.30		
Titanium	0.32	< 1.0		
Total Toxic 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	1040	300- 1200					
Magnesium	270	35- 120					
Sodium	42	12- 90					
Potassium	13	8- 38					
Copper	9.1	12- 35					
Zinc	190	140- 220					
Manganese	0.08	0.15- 0.65					
Chromium	0.27	0.20- 0.40					
Vanadium	0.020	0.018- 0.065					
Molybdenum	0.040	0.028- 0.056					
Boron	0.25	0.30- 2.0					
Iodine	0.26	0.25- 1.3					
Lithium	0.010	0.007- 0.023					
Phosphorus	172	160- 250					
Selenium	1.2	0.95- 1.7					
Strontium	3.0	0.50- 7.6					
Sulfur	48900	44500- 52000					
Barium	0.99	0.26- 3.0					
Cobalt	0.019	0.013- 0.050					
Iron	3.9	5.4- 14					
Germanium	0.029	0.045- 0.065					
Rubidium	0.010	0.007- 0.096					
Zirconium	0.48	0.020- 0.42					

SPECIMEN DATA

COMMENTS:

Date Collected: 12/10/2006
 Date Received: 12/19/2006
 Date Completed: 12/22/2006

Sample Size: 0.196 g
 Sample Type: Head
 Hair Color: Brown
 Treatment:
 Shampoo: Tresemmé

Methodology: ICP-MS

V06.99

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	3.85	4- 30
Ca/P	6.05	1- 12
Na/K	3.23	0.5- 10
Zn/Cu	20.9	4- 20
Zn/Cd	> 999	> 800