

<b>Toxic Elements</b>	Results (µg/g)	Ref Range	Within Range	Above Range	
Aluminum	16	< 7.0			Al
Antimony	0.081	< 0.066			Sb
Arsenic	0.058	< 0.080			As
Barium	1.5	< 1.0			Ba
Beryllium	< 0.01	< 0.020			Be
Bismuth	0.033	< 2.0			Bi
Cadmium	0.016	< 0.065			Cd
Lead	0.27	< 0.80			Pb
Mercury	0.23	< 0.80			Hg
Platinum	< 0.003	< 0.005			Pt
Thallium	< 0.001	< 0.002			Tl
Thorium	< 0.001	< 0.002			Th

<b>Nutritional Elements</b>	Results (µg/g)	Ref Range	Below Range	50 <sup>th</sup> Percentile	Above Range	
Boron	3.4	0.40- 3.0				B
Calcium	1510	200- 750				Ca
Chromium	0.54	0.40- 0.70				Cr
Copper	74	11- 30				Cu
Iron	14	7.0- 16				Fe
Magnesium	140	25- 75				Mg
Manganese	0.20	0.08- 0.50				Mn
Molybdenum	0.045	0.025- 0.060				Mo
Phosphorus	223	150- 220				P
Potassium	10	9- 80				K
Rubidium	0.010	0.011- 0.12				Rb
Sulfur	52500	44000- 50000				S
Selenium	0.86	0.70- 1.2				Se
Sodium	15	20- 180				Na
Strontium	3.6	0.30- 3.5				Sr
Zinc	190	130- 200				Zn

\* <dl = Less than Detection Limit      Comments:      v10.08

<b>Potentially Toxic Elements</b>				<b>Other Elements</b>				<b>Significant Ratios</b>		
Results (µg/g)	Ref Range			Results (µg/g)	Ref Range			Results	Ref Range	
Nickel	0.46	< 0.20	Ni	Cobalt	0.015	0.004- 0.020	Co	Ca:Mg	10.8	4- 30
Silver	0.35	< 0.08	Ag	Germanium	0.032	0.030- 0.040	Ge	Fe:Cu	0.189	0.2-1.3
Tin	0.23	< 0.30	Sn	Iodine	0.34	0.25- 1.8	I	Na:K	1.5	0.5- 10
Titanium	0.58	< 0.60	Ti	Lithium	< 0.004	0.007- 0.020	Li	Zn:Cu	2.57	4- 20
Uranium	0.018	< 0.060	U	Vanadium	0.058	0.018- 0.065	V	Zn:Cd	> 999	> 800
				Zirconium	0.24	0.020- 0.44	Zr			

## Health history for hair test 532

1. **What are your current symptoms and health history?** Autism, delay in language
2. **Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)** No amalgam, no braces
3. **What dental work do you currently have in place?** What part of the dental clean-up have you completed? have silver caps
4. **What dentistry did your mother have at any time before or during pregnancy?** mother had lots of filling during pregnancy
5. **What vaccinations have you had and when (including flu and especially travel shots)?** had the full vaccination till age 3 including travel shots for Africa
6. **Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?** chelation using ala and dmsa, and supplemts that goes with checaltion, ace, clo,zinc,vit c,milk thistle
7. **What is your age, height and weight?** age 8, weight 24.5 kg, height 132 cm,
8. **Other information you feel may be relevant?** Born in UAE and african orgin, lives in Canada
9. **What is your location – city & country (so that we can learn where certain toxins are more prevalent).** lived in U.A.E since born and moved to canada in 2009 lives in Calgary, Canada