



SEX: Female  
AGE: 29

**Toxic & Essential Elements; Hair**

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)	5.0	< 7.0	
Antimony (Sb)	0.016	< 0.050	
Arsenic (As)	0.033	< 0.060	
Barium (Ba)	0.27	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.012	< 2.0	
Cadmium (Cd)	< 0.009	< 0.050	
Lead (Pb)	1.2	< 0.60	
Mercury (Hg)	< 0.03	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.015	< 0.060	
Nickel (Ni)	0.08	< 0.30	
Silver (Ag)	0.04	< 0.15	
Tin (Sn)	0.06	< 0.30	
Titanium (Ti)	0.39	< 0.70	
Total Toxic Representation			

ESSENTIAL AND OTHER ELEMENTS					
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 <sup>th</sup> 16 <sup>th</sup> 50 <sup>th</sup> 84 <sup>th</sup> 97.5 <sup>th</sup>		
Calcium (Ca)	565	300- 1200			
Magnesium (Mg)	10	35- 120			
Sodium (Na)	160	20- 250			
Potassium (K)	170	8- 75			
Copper (Cu)	14	11- 37			
Zinc (Zn)	140	140- 220			
Manganese (Mn)	0.05	0.08- 0.60			
Chromium (Cr)	0.33	0.40- 0.65			
Vanadium (V)	0.027	0.018- 0.065			
Molybdenum (Mo)	0.028	0.020- 0.050			
Boron (B)	1.9	0.25- 1.5			
Iodine (I)	0.17	0.25- 1.8			
Lithium (Li)	0.004	0.007- 0.020			
Phosphorus (P)	175	150- 220			
Selenium (Se)	0.51	0.55- 1.1			
Strontium (Sr)	1.4	0.50- 7.6			
Sulfur (S)	50800	44000- 50000			
Cobalt (Co)	0.005	0.005- 0.040			
Iron (Fe)	6.8	7.0- 16			
Germanium (Ge)	0.028	0.030- 0.040			
Rubidium (Rb)	0.16	0.007- 0.096			
Zirconium (Zr)	0.56	0.020- 0.42			

SPECIMEN DATA		RATIOS		
<b>COMMENTS:</b>		ELEMENTS	RATIOS	RANGE
Date Collected: 08/09/2014	Sample Size: 0.199 g	Ca/Mg	56.5	4- 30
Date Received: 08/13/2014	Sample Type: Head	Ca/P	3.23	1- 12
Date Completed: 08/14/2014	Hair Color:	Na/K	0.941	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	10	4- 20
	Shampoo: Tresseme	Zn/Cd	> 999	> 800

## **Health history for hair test 996**

Please upload for me, thanks!

**What are your current symptoms and health history?**

Derealisation/depersonalisation severe 24/7. feeling faint/lightheaded. Ear ringing, light and sound sensitive

**Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)**

8 amalgams, first amalgam when i was 6. 2 root canals, one currently with infection. No amalgams out yet.

**What dental work do you currently have in place? What part of the dental clean-up have you completed?**

Going to start amalgam removal soon

**What dentistry did your mother have at any time before or during pregnancy?**

Not sure

**What vaccinations have you had and when (including flu and especially travel shots)?**

Not sure

**Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?**

Fluoxetine 20mg

**What is your age, height and weight?**

29, 5 foot 4, 13 stone

**Other information you feel may be relevant?**

**What is your location – city & country (so that we can learn where certain toxins are more prevalent).**

London, UK