

SEX: Male AGE: 39

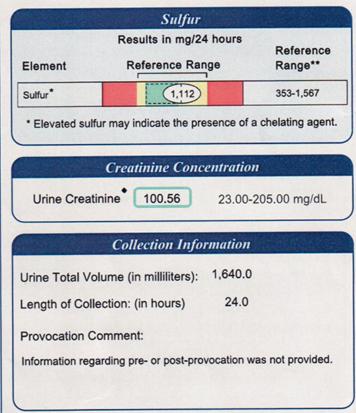
### Toxic & Essential Elements; Hair

		ΤΟΧΙϹ Μ	ETALS			
	RESULT REFEREN		REFERENCE	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>		
Aluminum	(AI)	0.7	<pre>INTERVAL &lt; 7.</pre>		00 ÷	5
Antimony	(Sb)	< 0.01	< 0.06			
Arsenic	(As)	0.040	< 0.08			
Barium	(Ba)	0.16	< 1.			
Beryllium	(Be)	< 0.01	< 0.02			
Bismuth	(Bi)	0.004	< 2.			
Cadmium	(Cd)	< 0.009	< 0.06			
Lead	(Pb)	0.27	< 0.8			
Mercury	(Hg)	1.2	< 0.8			
Platinum	(Pt)	< 0.003	< 0.00			
	(Fl)	< 0.003				
Thallium The grives			< 0.00			
Thorium	(Th)	< 0.001	< 0.00			
Uranium	(U)	0.012	< 0.06			
Nickel	(Ni)	0.07	< 0.2			
Silver	(Ag)	0.02	< 0.0			
Tin	(Sn)	0.04	< 0.3			
Titanium	(Ti)	0.46	< 0.6	0		
Total Toxic Representation						
		ESSENTIAL AND O	THER ELEMENTS			
		RESULT µg/g	REFERENCE INTERVAL	2.5 <sup>th</sup> 16	PERCENTILE	84 <sup>th</sup> 97.5 <sup>th</sup>
Calcium	(Ca)	1100	200- 75	0		
Magnesium	(Mq)	50	25- 7	5	-	
Sodium	(Na)	85	20- 18	0	-	
Potassium	(K)	24	9- 8	0	•	
Copper	(Cu)	10	11- 3	0		
Zinc	(Zn)	230	130- 20	0		
Manganese	(Mn)	0.05	0.08- 0.5			
Chromium	(Cr)	0.32	0.40- 0.7			
Vanadium	(V)	0.023	0.018- 0.06			
Molybdenum	(Mo)	0.021	0.025- 0.06			
Boron	(B)	0.43	0.40- 3.		<b></b>	
lodine	(1)	0.19	0.25- 1.			
Lithium	(Li)	0.005	0.007- 0.02			
Phosphorus	(P)	227	150- 22			
Selenium	(Se)	0.69	0.70- 1.	2		
Strontium	(Sr)	1.5	0.30- 3.			
Sulfur	(S)	52500	44000- 5000		<b>——</b>	
Cobalt	(Co)	0.004	0.004- 0.02			
Iron	(Fe)	8.0		6		
Germanium	(Ge)	0.024	0.030- 0.04			
Rubidium	(Rb)	0.032	0.011- 0.1		•	
Zirconium	(Zr)	0.032	0.020- 0.4			
			0.020- 0.4	T		
	SPECIMEN	DATA			RATIOS	1
COMMENTS:				ELEMENTS	RATIOS	RANGE
				Ca/Mg	22	4- 30
Date Collected: 06/04/2014		ample Size: 0.196 g	r	Ca/P	4.85	0.8- 8
	9	ample Type: Head		Na/K	3.54	0.5- 10
Date Received: 06/06/2014						
Date Completed: 06/07/2014	Н	air Color: Brown		Zn/Cu	23	4- 20
	H T					4- 20 > 800

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	Та	oxic Elements	
Element Ref	Reference Range**		
Lead	<= 1.5		
Mercury	0.89		<= 2.17
Aluminum	5.4		<= 25.2
Antimony	0.049		<= 0.144
Arsenic	17		<= 49
Barium	1.7		<= 5.5
Bismuth (	<a>Image: The second se</a>	STO AND STO	<= 2.26
Cadmium	0.09		<= 0.63
Cesium		26.26	<= 10.10
Gadolinium (	(a)		<= 0.019
Gallium	0.007		<= 0.031
Nickel	1.61		<= 4.41
Niobium (	<pre>d</pre>		<= 0.086
Platinum (	Columnation		<= 0.038
Rubidium	(	3,358	<= 2,486
Thallium		0.746	<= 0.273
Thorium (	(a)		<= 3.911
Tin (	0.15		<= 2.25
Tungsten	0.090		<= 0.264
Uranium		0.1	(31) <= 0.027



\*\*Reference ranges are representative of a healthy population under non-challenged or non-provoked conditions.

The performance characteristics of all assays have been verified by Genova Diagnostics, Inc. Unless otherwise noted with  $\bullet$ , the assay has not been cleared by the U.S. Food and Drug Administration.

#### Health history for hair test 1002

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

Severe panic disorder (20+ years of this from 1993, almost completely recovered after amalgam removal in 2003/4, returned with a vengeance 2 months before hair test)

Fatigue (very difficult to work, have to take frequent breaks/naps, avoiding sulphur foods has helped)

Exercise intolerance (I can exercise but then am wiped out for the next week even with low intensity, short duration exercise)

Migraines, extreme fatigue, extreme anxiety, depression after eating any sulphur foods Alcohol intolerance (from teenage years)

Eczema & allergies (from childhood, eczema managed via diet - gluten, casein, eggs worst offenders)

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

First amalgam placed at 10/11 years, several amalgams placed at 16 (last opportunity for free NHS dental work!) probably 10 in all

One very large amalgam in first lower left molar eventually led to the tooth cracking and dying, with a violent (dentist kneeling on chest!) extraction at 19/20 years

One root canal in second upper left molar at 25 years

Not sure on wisdom teeth - I don't have any but don't know if they were removed or have not come through

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

All amalgam fillings removed in 2003. One (only) root canal still in place. One small amalgam tattoo in lower left gum at site of tooth extraction

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

'more than 5, less than 10' amalgams in place

#### What vaccinations have you had and when?

Diptheria/Tetanus/Polio triple vaccine (combined vaccine given 3 or 4 times @ 3 months, 6 months, 12 months and possibly once more) Possibly Rubella Tetanus boosters - around 6 years old and around 15 years old No travel vaccinations or flu shots

# Supplements and medications taken at time of hair test, or for the 3-6 months before the sample was taken?

Mercola multi-vitamin daily (high quality, high dose multivitamin), ubiquinol 200mg/daily, krill oil 1000mg/daily, high potency probiotics - up until about 2 months before the hair test when I became

very ill, extremely sensitive to sulphur foods and stopped all supplements (I have since - post hair test - been able to reintroduce only vitamins C and E)

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

Male, 40 years old, 173cm/5' 8", 70kg/155lbs

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

I also had a 'dental amalgam plug' inserted into my eustachian tube (an air passage in the sinuses linking the nose to the middle ear) during surgery in 1994 or 95. I was unaware of the material at the time. This was removed during revision surgery in 2004 - the surgeon (not the original surgeon) informed me that it was 'dental amalgam' and that 'my body had reacted to it and the tube was severely inflamed' - I had by that time taken some blood tests showing mercury poisoning and allergy to mercury which prompted the removal of all my amalgam fillings in 2003. I have not yet undertaken any chelation as of summer 2014.

#### What is your location - city & country

London, UK