

# HAIR ELEMENTS



**PATIENT: Hair Test 239**  
**SEX: Female**  
**AGE: 37**  
**LOCATION: Basingstoke, UK**

## POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 <sup>th</sup>	95 <sup>th</sup>
Aluminum	1.9	< 7.0		
Antimony	0.014	< 0.050		
Arsenic	0.045	< 0.060		
Barium	0.20	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.003	< 2.0		
Cadmium	0.040	< 0.050		
Lead	0.44	< 0.60		
Mercury	0.76	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.007	< 0.060		
Nickel	0.10	< 0.30		
Silver	5.0	< 0.15		
Tin	0.08	< 0.30		
Titanium	0.31	< 0.70		
Total Toxic Representation				

## ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE				
			2.5 <sup>th</sup>	16 <sup>th</sup>	50 <sup>th</sup>	84 <sup>th</sup>	97.5 <sup>th</sup>
Calcium	617	300- 1200					
Magnesium	15	35- 120					
Sodium	29	20- 250					
Potassium	10	8- 75					
Copper	24	11- 37					
Zinc	190	140- 220					
Manganese	0.06	0.08- 0.60					
Chromium	0.31	0.40- 0.65					
Vanadium	0.019	0.018- 0.065					
Molybdenum	0.017	0.020- 0.050					
Boron	0.24	0.25- 1.5					
Iodine	0.58	0.25- 1.8					
Lithium	< 0.004	0.007- 0.020					
Phosphorus	182	150- 220					
Selenium	0.66	0.55- 1.1					
Strontium	1.1	0.50- 7.6					
Sulfur	46900	44000- 50000					
Cobalt	0.003	0.005- 0.040					
Iron	6.4	7.0- 16					
Germanium	0.030	0.030- 0.040					
Rubidium	0.010	0.007- 0.096					
Zirconium	0.027	0.020- 0.42					

### SPECIMEN DATA

**COMMENTS:**  
 Date Collected: 12/15/2008      Sample Size: 0.203 g  
 Date Received: 12/22/2008      Sample Type: Head  
 Date Completed: 12/26/2008      Hair Color: Brown  
 Client Reference:                      Treatment:  
 Methodology: ICP-MS                      Shampoo: Simple

### RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	41.1	4- 30
Ca/P	3.39	1- 12
Na/K	2.9	0.5- 10
Zn/Cu	7.92	4- 20
Zn/Cd	> 999	> 800

V010.08

## Health History for hair test 239

### 1. Current Symptoms

a). Severe cutaneous light sensitivity to all forms of visible light, even through clothing. Reaction is agonising burning sensation over whole body, which can take several days to fade. Obligated to spend most of time in totally blanked out room, although do have some periods of limited improvement followed by relapses. An identical case to mine is described in:

<http://esdirectory.org.uk/extreme-light-sensitivity.doc>

b). Migraine, fluish symptoms, runny nose when exposed to EMR (RF and power frequency).

c). Some chemical sensitivity e.g. paint, some perfumed products, solvents.

d). Some food intolerances e.g. gluten, cows milk, additives like potassium sorbate.

### 2. Health History

Born with right leg twisted out. Problems walking; treated by Osteopath.

Age 7 Burst appendix with peritonitis – surgery.

Age 12 Bad reaction to BCG vaccine. Wound bled and gave off pus for several days, then large keyloid scar.

Age 12 1<sup>st</sup> reaction to chemicals when helped creosote shed – face swelled and heart rate up, eyes out of focus.

Age 13 onwards increasing food and chemical sensitivity.

Age 14 Tried hard contact lenses – stopped after a few months because of eye reaction.

Age 19 Tried gas permeable contact lenses – stopped because of eye reaction.

Age 22 Started EPD treatment for food and chemicals. Sensitivity lessened over next 3 years.

Age 24 Strained lower back.

Age 29 Fell off bus, strained back again, severe inflammation for several months, still problematical.

Age 34 ES began with burning face when using computer, gradually got worse and includes visible light sensitivity.

### 3 Dental History

Age 12 - 17 2 small amalgams.

Fissure sealing on all molars.  
Age 17 Upper wisdom teeth removed under general anaesthetic.  
Age 25 Lower wisdom teeth removed by dentist.  
Small amalgam fillings subsequently.  
No dental clean-up done.

#### 4 Mothers Dentistry

20 + mercury fillings from age 12 onwards (Born 1942)  
4 x wisdom teeth removed during teens.  
No treatment during pregnancy.  
1 non-mercury crown on front tooth.

#### 5 Vaccinations

All normal childhood vaccines up to BCG age 12. NONE subsequently because of bad reaction to BCG.

#### 6 Supplements at time of hair test

Seratone (SHTP)	100 mg per day.
Vit D	500 iu
Truefood  Coenzyme Q10	90 mg per day
Truefood Vit C + bioflavenoids	250 mg + 100 mg
Truefood Vit B complex	100 mg
Truefood Calcium = Magnesium 1: 1	60 + 60mg

NB : Truefood supplements claim to be the equivalent of much higher dose supplements – i.e. equal to a dose of 3 – 4 times bigger.

#### 2 weeks on – 2 weeks off

Beta-carotene	225 mg per day (to help light sensitivity)
Vitamin E	200 iu

#### 7 Location

Age 0 – 34 - London – near railway  
Age 34 – now - Very near edge of Basingstoke – leafy low density suburb, fields nearby.