

HAIR ELEMENTS



PATIENT: Number 494
SEX: Male
AGE: 43
LOCATION: 8. South West London, UK

POTENTIALLY TOXIC ELEMENTS

| TOXIC ELEMENTS | RESULT $\mu\text{g/g}$ | REFERENCE RANGE | PERCENTILE | |
|----------------------------|------------------------|-----------------|------------------|------------------|
| | | | 68 th | 95 th |
| Aluminum | 2.1 | < 7.0 | | |
| Antimony | 0.044 | < 0.066 | | |
| Arsenic | 0.031 | < 0.080 | | |
| Barium | 0.13 | < 1.0 | | |
| Beryllium | < 0.01 | < 0.020 | | |
| Bismuth | 0.014 | < 2.0 | | |
| Cadmium | 0.012 | < 0.065 | | |
| Lead | 0.73 | < 0.80 | | |
| Mercury | 0.25 | < 0.80 | | |
| Platinum | < 0.003 | < 0.005 | | |
| Thallium | < 0.001 | < 0.002 | | |
| Thorium | < 0.001 | < 0.002 | | |
| Uranium | 0.013 | < 0.060 | | |
| Nickel | 0.06 | < 0.20 | | |
| Silver | 0.07 | < 0.08 | | |
| Tin | 0.02 | < 0.30 | | |
| Titanium | 0.61 | < 0.60 | | |
| Total Toxic Representation | | | | |

ESSENTIAL AND OTHER ELEMENTS

| ELEMENTS | RESULT $\mu\text{g/g}$ | REFERENCE RANGE | PERCENTILE | | | | |
|------------|------------------------|-----------------|-------------------|------------------|------------------|------------------|--------------------|
| | | | 2.5 th | 16 th | 50 th | 84 th | 97.5 th |
| Calcium | 467 | 200- 750 | | | | | |
| Magnesium | 130 | 25- 75 | | | | | |
| Sodium | 16 | 20- 180 | | | | | |
| Potassium | 18 | 9- 80 | | | | | |
| Copper | 10 | 11- 30 | | | | | |
| Zinc | 160 | 130- 200 | | | | | |
| Manganese | 0.06 | 0.08- 0.50 | | | | | |
| Chromium | 0.47 | 0.40- 0.70 | | | | | |
| Vanadium | 0.027 | 0.018- 0.065 | | | | | |
| Molybdenum | 0.069 | 0.025- 0.060 | | | | | |
| Boron | 1.1 | 0.40- 3.0 | | | | | |
| Iodine | 0.22 | 0.25- 1.8 | | | | | |
| Lithium | 0.004 | 0.007- 0.020 | | | | | |
| Phosphorus | 175 | 150- 220 | | | | | |
| Selenium | 0.78 | 0.70- 1.2 | | | | | |
| Strontium | 0.77 | 0.30- 3.5 | | | | | |
| Sulfur | 46400 | 44000- 50000 | | | | | |
| Cobalt | 0.004 | 0.004- 0.020 | | | | | |
| Iron | 7.1 | 7.0- 16 | | | | | |
| Germanium | 0.028 | 0.030- 0.040 | | | | | |
| Rubidium | 0.017 | 0.011- 0.12 | | | | | |
| Zirconium | 0.013 | 0.020- 0.44 | | | | | |

SPECIMEN DATA

COMMENTS:
 Date Collected: 6/17/2011 Sample Size: 0.198 g
 Date Received: 6/21/2011 Sample Type: Head
 Date Completed: 6/23/2011 Hair Color: Brown
 Client Reference: 1281875 Treatment:
 Methodology: ICP-MS Shampoo: Different Ones
V010.08

RATIOS

| ELEMENTS | RATIOS | EXPECTED RANGE |
|----------|--------|----------------|
| Ca/Mg | 3.59 | 4- 30 |
| Ca/P | 2.67 | 0.8- 8 |
| Na/K | 0.889 | 0.5- 10 |
| Zn/Cu | 16 | 4- 20 |
| Zn/Cd | > 999 | > 800 |

Health history for hair test 494

1. CFS for 8-9 years, mercury issues identified 4-5 years ago, significant memory loss.
2. No wisdom teeth, first root canal 10 years ago, second one this year. First amalgam 10 years old, 10+ in total.
3. Both root canals remain, all amalgams have been replaced with composite ones.
4. Mother has had filling since before my birth.
5. Flu shot 18 months ago.
6. moly drops 1-1.5mg per day
silicon 10 drops
selenium 200mcg
nac 1.8gm
omega3 6gm
coq10 300mg
acetyl-l-carnitine 4gm
milk thistle 2.1gm
zinc (don't take on the on round days) 60mg (deficient)
niacinamide 500mg (deficient)
b-right b-vits
biocare multi-vits
methyl-b12 lozenges
folic acid 400ug
vit c approx 4gm (broken into small dosages)
magnesium citrate 2gm (broken into small dosages)
d-ribose 10-15gm (broken into small dosages)
myhill's magic minerals (got copper in it 600mg, don't take on the on round days)
whey protein
phosphatidyl serine 500mg
DMSA 50mg, ALA 50mg 3-4 day rounds, mixed with 200mg vit c, 100mg mag
7. I have had blood tests that have confirmed that I am suffering from mercury, aluminium, cadmium and tin, so these tests contradict those results.
8. South West London, UK