

PATIENT: Number 625 SEX: Male AGE: 39

Toxic & Essential Elements; Hair

$\begin{tabular}{ c c c c c c } \hline RESULT & REFERENCE & & & & & & & & & & & & & & & & & & &$	TOXIC METALS							
Aluminum (A) 8.3 < 7.0 Artenory (Sb) 0.034 < 0.066 Arsenic (A) 0.059 < 0.066 Barlum (Ba) 0.013 < 0.066 Barlum (Ba) 0.012 < 2.0 Escamium (Cd) 0.017 < 0.065 Escamium (Cd) 0.017 < 0.066 Bismuth (B) 0.012 < 2.0 Escamium (Cd) 0.017 < 0.066 Platinum (Pt) 0.48 < 0.80 Platinum (Pt) 0.003 < 0.002 Platinum (Pt) 0.001 < 0.002 Platinum (Th) 0.001 < 0.002 Thorkum (Th) 0.001 < 0.002 Finallum (Th) 0.001 < 0.002 Finallum (Th) 0.033 < 0.30 Finallum (Th) 0.18 < 0.60 Escamium (Ca) 0.33 < 0.30 Finallum (Th) 0.18 < 0.60 Escamium (Ca) 176 200 - 755 Escamium (K) 310 9 - 80 Copper (Cu) 11 11 - 30 Zinc (Zn) 100 130 - 200 Magnasium (K) 310 9 - 80 Copper (Cu) 11 11 - 30 Zinc (Zn) 100 130 - 200 Magnasium (Mo) 0.043 0.025 - 755 Escamium (Ca) 1.00 130 - 200 Magnasium (Mo) 0.015 0.050 Chronium (Cr) 0.52 0.040 - 0.70 Magnasium (Mo) 0.043 0.025 - 0.060 Escamium (Ca) 1.77 0.25 1.8 Urbanium (Ca) 1.8 Softwar (Ca) 1.77 0.25 1.8 Urbanium (Ca) 0.051 0.002 Escamium (Ca) 0.052 0.040 - 0.70 Magnasium (Mo) 0.043 0.025 - 0.060 Escamium (Ca) 1.77 0.25 1.8 Urbanium (Ca) 0.051 0.000 Escamium (Ca) 0.052 0.040 - 0.70 Magnasium (Mb) 0.043 0.025 - 0.060 Escamium (Ca) 0.051 0.007 0.020 Magnasium (Mb) 0.043 0.025 0.060 Escamium (Ca) 0.051 0.007 0.020 Escamium (Ca) 0.051 0.007 0.020 Escamium (Ca) 0.041 0.025 0.060 Escamium (Ca) 0.041 0.025 0.060 Escamium (Ca) 0.043 0.025 0.060 Escamium (Ca) 0.045 0.027 0.020 Escamium (Ca) 0.045 0.027 0.020 Escamium (Ca) 0.048 0.011 0.12 Escamium (Ca) 0.048 0.011 0.12 Escam					PERCENTILE			
Antimony (Sb) 0.034 < 0.060 Arsenic (As) 0.059 < 0.080 Barium (Ba) 0.13 < 0.06 Beryllium (Ba) 0.012 < 0.080 Beryllium (Cd) 0.017 < 0.062 Cadmium (Cd) 0.017 < 0.062 Cadmium (Cd) 0.017 < 0.063 Hercury (Hq) 0.82 < 0.80 Mercury (Hq) 0.83 < 0.90 Silver (Aq) 0.25 < 0.60 Tin (Ca) 176 200 - 750 Solum (Na) 140 20 - 180 Capper (Cu) 11 11 - 30 Mananese (Mn) 0.25 0.66 0.50 Chronium (Cr) 0.52 0.60 - 50 Chronium (Cr) 0.52 0.60 0.50 Chronium (Cr) 0.52 0.60 0.50 Chronium (Cr) 0.52 0.60 0.50 Chronium (Sh) 0.60 0.77 1.2 Strottim (Sh) 0.68 0.50 Chronium (Sh) 0.60 0.77 1.2 Strottim (Sh) 0.68 0.50 Cobat (Co) 0.006 0.004 0.30 Cobat (Co) 0.006 0.004 0.30 CapP 0.97 Date Collected: 3/20/2012 Sample Size: 0.2 g Sample Size: 0.2 g Sample Size: 0.2 g Caple Tro. 12 Carcium (Rb) 0.48 0.011 - 0.12 Carcu 0.99 > 80 CapP 0.97 Coll 17.6 4.30 CaP 0.978 Mercury (Hq) 0.7 7.0 - 16 Call Marcury (Hq) 0.18 0.020 0.44 Mercury (Hq) 0.18 0.021 0.44 Mercury (Hq) 0.18 0.021 0.44 Mercury (Hq) 0.18 0.021 0.44 Mercury (Hq) 0.18 0.021 0.24 Marcury (Hq) 0.14 0.012 0.25 CapP 0.978 Date Collected: 3/20/2012 Sample Type: Bead Hair Color: Brown Mark 0.452 0.5 - 10 Zn(Cu 9.99 > 80 CapP 0.978 0.5 - 10 Zn(Cu 9.99 >			μg/g		6	8 th g	5 th	
Arsenic (As) 0.059 < 0.080 Barium (Ba) 0.13 < 1.0 Beryllium (Ba) 0.12 < 0.020 Bismuth (Bi) 0.012 < 0.020 Cadmium (Cd) 0.017 < 0.065 Lead (Pb) 0.48 < 0.800 Mercury (Hg) 0.82 < 0.080 Platinum (Pf) < 0.003 < 0.005 Platinum (Pf) < 0.001 < 0.002 Platinum (Th) 0.001 < 0.002 Thorium (Th) 0.001 < 0.002 Mickel (Nh) 0.23 < 0.020 Nickel (Nh) 0.18 < 0.600 Teaminm (Ti) 0.18 < 0.602 Maganese (Mg) 0.25 < 0.080 Manganese (Mg) 0.25 0.080 Manganese (Mg) 0.043 0.025 Nickel 0.01 11 11-30 Manganese (Mg) 0.043 0.025 Nickel 0.01 1.7 0.025 0.080 Manganese (Mg) 0.043 0.025 Nickel 0.01 1.7 0.025 0.080 Manganese (Mg) 0.043 0.025 0.080 Manganese (Mg) 0.048 0.010 0.020 Manganese (Mg) 0.048 0.010 0.020 Manganese (Mg) 0.048 0.010 0.020 Manganese (Mg) 0.048 0.010 0.020 Manganese (Mg	Aluminum					-		
Barjum (Ba) 0.13 < 1.0	Antimony	(Sb)	0.034	< 0.066				
Baryllium (Ba) < 0.01	Arsenic	(As)	0.059	< 0.080				
Bismuth (B) 0.012 < 2.0 Cadmium (Cd) 0.017 < 0.065 Lead (Pb) 0.48 < 0.86 Mercury (Hg) 0.82 < 0.86 Platinum (Pt) < 0.003 < 0.002 Thallium (Th) 0.001 < 0.002 Uranium (U) 0.009 < 0.060 Uranium (U) 0.009 < 0.060 Transition (R) 0.33 < 0.30 Silver (Aa) 0.25 < 0.08 Tin (Sn) 0.30 < 0.30 Total Toxic Representation ESSENTAL AND OTHER ELEMENTS ESSENTAL AND OTHER ELEMENTS ESSENTAL AND OTHER ELEMENTS ESSENTAL AND OTHER ELEMENTS Calcium (Ca) 176 200- 750 Calcium (K) 310 9- 80 Copper (Cu) 11 11 1.3 30 Copper (Cu) 11 11.1 30 Potassium (K) 310 9- 80 Copper (Cu) 11 11.1 30 Potassium (K) 310 9- 80 Copper (Cu) 11 11.1 30 Copper (Cu) 11 0.11 - 30 Manganese (Mn) 0.25 0.082 - 0.08 Formium (Cr) 0.52 0.40- 0.70 Manganese (Mn) 0.25 0.022 - 0.08 Boron (B) 1.8 0.40- 3.0 Boron (B) 1.8 0.002- 0.44 Calcium (Ca) 0.006 0.004- 0.002 Boron (Ca) 0.006 0.004- 0.002 Boron (Ca) 0.006 0.004- 0.002 Calcium (Ca) 0.006 0.004- 0.002 Boron (Ca) 0.006 0.004- 0.002 Boron (Ca) 0.006 0.004- 0.002 Calcium (Ca)	Barium	(Ba)	0.13	< 1.0				
Cadmium (Co) 0.017 < 0.065 Lead (Pb) 0.48 < 0.80 Mercury (Hg) 0.622 < 0.80 Platinum (Pt) < 0.003 < 0.005 Thorium (Th) 0.001 < 0.002 Uranium (U) 0.009 < 0.060 Nickel (Ni) 0.23 < 0.20 Nickel (Ni) 0.23 < 0.060 Nickel (Ni) 0.23 < 0.060 Silver (Ag) 0.25 < 0.06 Tata Toxic Representation ESSENTIAL AND OTHER ELEMENTS PERCENTLE RESULT REFERENCE 25 th 10 th Magnesium (Mg) 10 25- 750 Sodium (Na) 140 20- 180 Calcium (Ca) 176 200- 750 Sodium (Na) 140 20- 180 Capper (Cu) 11 11- 30 Calcium (Ko) 310 9- 80 Calgo (Magnesium	Beryllium	(Be)	< 0.01	< 0.020				
Lead (Pb) 0.48 < 0.80 Mercury (Hg) 0.82 < 0.80 Mercury (Hg) 0.82 < 0.80 Plainum (Pt) < 0.001 < 0.002 Thailum (Th) 0.001 < 0.002 Thorium (U) 0.009 < 0.000 Uranium (U) 0.009 < 0.000 Silver (Aq) 0.25 < 0.00 Tin (Sn) 0.30 < 0.30 < 0.30 Totic Representation ESSENTIA AND OTHER ELEMENTS PERCENTLE RESULT REFERENCE Magnesium PERCENTLE 25 th 18 th 97.5 th Magnesium (Mg) 10 25 - 7.5 18 th 97.5 th Magnesium (Mg) 10 25 - 0.48 97.5 th Magnese (Mn) 0.25 0.48 - 0.55 90.055 Chorenium (Cr) 0.52 0.48 - 0.55 90.055 Chorenium (D) 0.11 0.025 - 0.665	Bismuth	(Bi)	0.012	< 2.0	•			
Mercury (Hq) 0.82 < 0.80 Platinum (Pt) < 0.003 < 0.005 Platinum (Th) < 0.001 < 0.002 Thorium (Th) < 0.001 < 0.002 Uranium (U) 0.009 < 0.060 Silver (Aq) 0.25 < 0.02 Tin (Sn) 0.30 < 0.20 Titanium (Ti) 0.18 < 0.00 Titanium (Ca) 176 200-750 Magnesium (Ca) 176 200-750 Magnesium (Magnesium) 140 20-180 Cobustion 111 11-30 9-88 Obtassium (Na) 140 20-180 9-88 Optassium (Na) 140 20-180 9-88 Optassium (Na) 140 20-180 9-88 Optassium (Na) 140 20-180 9-88 Obtassium (Na) 140 20-180 9-88 Obtassium (No) 0.042 0.025 0.060	Cadmium	(Cd)	0.017	< 0.065	-			
Platinum (Pt) < 0.003 < 0.005 Thallium (Ti) 0.001 < 0.002	Lead	(Pb)	0.48	< 0.80				
Thailium (Th) 0.001 < 0.002 Thorium (Th) < 0.001	Mercury	(Hg)	0.82	< 0.80				
Thorium (Th) < 0.001 < 0.002 Uranium (U) 0.009 < 0.000	Platinum	(Pt)	< 0.003	< 0.005				
Uranium (U) 0.009 < 0.060 Nickel (Ni) 0.23 < 0.20 Nickel (Ni) 0.23 < 0.20 Tin (Sn) 0.30 < 0.30 Tini (Sn) 0.30 < 0.30 Total Toxic Representation ESSENTIAL AND OTHER ELEMENTS PERCENTUL Result T usig REFCRENCE 2.5° 16° 97.5° Calcium (Ca) 176 200- 750 900 Sodium (Na) 140 20- 180 Potassium (K) 310 9- 80 Copper (Cu) 11 11- 30 Zine (Zn 100 130- 200 Manganese (Mn) 0.25 0.40- 0.70 Vanadium (V) 0.11 0.018- 0.065 Boron (B) 1.8 0.40- 3.0 0.025- 0.20 Stornium (Sr) 0.28 0.30- 3.5 0.50 0.60 0.70- 1.2 Belen	Thallium	(TI)	0.001	< 0.002	•			
Nickel (N) 0.23 < 0.20 Silver (Ag) 0.25 <	Thorium	(Th)	< 0.001	< 0.002				
Silver (Aq) 0.25 < 0.00 Tin (Sn) 0.30 <	Uranium	(U)	0.009	< 0.060				
Tin (Sn) 0.30 < 0.30 Titanium (Ti) 0.18 <	Nickel	(Ni)	0.23	< 0.20		-		
Titanium (Ti) 0.18 < 0.60 Total Toxic Representation ESSENTIAL AND OTHER ELEMENTS RESULT REFUL REFERENCE ug/g INTERVAL 2.5° 16° 97.5° Calcium (Ca) 176 200 - 750 Magnesium (Mg) 10 25 - 75 Sodium (Na) 140 20 - 180 Copper (Cu) 11 11 - 30 Copper (Cu) 11 11 - 30 Manganese (Mn) 0.25 0.08 - 0.50 Chromium (Cr) 0.52 0.40 - 0.70 Wanadium (V) 0.11 0.018 - 0.060 Boron (B) 1.8 0.40 - 3.0 Odine (I) 0.015 0.020 - Boron (B) 1.8 0.40 - 3.0 Stortium (Sr) 0.28 0.30 3.5 - Boron (B) 1.8 0.40 -	Silver	(Ag)	0.25	< 0.08				
Titanium (Ti) 0.18 < 0.60	Tin			< 0.30				
ESSENTIAL AND OTHER ELEMENTS RESULT µd/g REFERENCE NTERVAL PERCENTILE 2.5 th 16 th 60 th Percentile 84 th 97.5 th Calcium (Ca) 176 200 - 750	Titanium	(Ti)	0.18	< 0.60	—			
ESSENTIAL AND OTHER ELEMENTS RESULT µd/g REFERENCE NTERVAL PERCENTILE 2.5 th 16 th 60 th Percentile 84 th 97.5 th Calcium (Ca) 176 200 - 750	Total Toxic Representation							
RESULT Jug/g REFERENCE INTERVAL INTERVAL PERCENTLE 2.5 th PERCENTLE 50 th PERCENTLE 2.5 th PERCENTLE 50 th Calcium (Ca) 176 200 - 750 20 th 5 th								
jug/g INTERVAL 2.6 th 16 th 50 th 84 th 97.5 th Calcium (Ma) 10 25-75						PERCENTILE		
Calcium (Ca) 176 200 - 750 Magnesium (Mg) 10 25 - 75 Magnesium (Na) 140 20 - 180 Potassium (K) 310 9 - 80 Copper (Cu) 11 11 - 30 Zinc (Zn) 100 130 - 200 Magnese (Mn) 0.25 0.08 - 0.50 Chromium (Cr) 0.52 0.40 - 0.70 Wangalum (V) 0.11 0.018 - 0.065 Boron (B) 1.8 0.40 - 3.0 Iodine (I) 1.7 0.25 - 1.8 Lithium (Li) 0.015 0.007 - 0.020 Phosphorus (P) 180 150 - 220 Stelenium (Se) 0.60 0.70 - 1.2 Stuffur (S) 48400 4400 - 50000 Cobalt (Co) 0.006 0.004 - 0.020 Iron (Fe) 37 7.0 - 16 ELEMENTS Rubidium (Rb) 0.48 0.011 - 0.12 ELEMENTS Rubidium (Rb)					2.5 th 16 th	50 th	84 th 97.5 th	
Magnesium (Mg) 10 25- 75 Sodium (Na) 140 20- 180 Potassium (K) 310 9- 80 Copper (Cu) 11 11- 30 Zinc (Zn) 100 130- 200 Magnese (Mn) 0.25 0.08- 0.50 Chromium (Cr) 0.52 0.40- 0.70 Vanadium (V) 0.11 0.018- 0.065 Molybdenum (Mo) 0.043 0.025- 0.60 Boron (B) 1.8 0.40- 3.0 Ithium (Li) 0.015 0.007- 0.20 Phosphorus (P) 180 150- 220 Strontium (Sr) 0.28 0.30- 3.5 Sulfur (S) 48400 44000- 5000 Cobalt (Co) 0.034 0.030- 0.40 Ratioum (Rb) 0.48 0.011- 0.12 Codered 0.034 0.030- 0.	Calcium	(Ca)						
Sodium (Na) 140 20- 180 Potassium (K) 310 9- 80 Copper (Cu) 11 11- 30 Zinc (Zn) 100 130- 200 Manganese (Mn) 0.255 0.08- 0.50 Chromium (Cr) 0.52 0.40- 0.70 Wanadium (V) 0.11 0.018- 0.665 Molybdenum (Mo) 0.043 0.025- 0.60 Boron (B) 1.8 0.40- 3.0 Iodine (I) 1.7 0.25- 1.8 Lithium (Li) 0.015 0.007- 0.20 Phosphorus (P) 180 150- 220 Strontium (Sr) 0.28 0.30- 3.5 Sulfur (S) 48400 44000- 5000 Cobalt (Co) 0.034 0.030- 0.40 Remaium (Rb) <td< td=""><td></td><td></td><th>-</th><td></td><td></td><td></td><td></td></td<>			-					
Potassium (K) 310 9- 80 Copper (Cu) 11 11- 30 Zinc (Zn) 100 130- 200 Manganese (Mn) 0.25 0.08- 0.50 Chromium (Cr) 0.52 0.40- 0.70 Vanadium (V) 0.11 0.018- 0.065 Molybdenum (Mo) 0.043 0.025- 0.80 Boron (B) 1.8 0.40- 3.0 Iodine (I) 1.7 0.25- 1.8 Lithium (Li) 0.015 0.007- 0.20 Phosphorus (P) 180 150- 220 Strontium (Se) 0.60 0.70- 1.2 Strontium (Sr) 0.28 0.30- 3.5 Sulfur (S) 48400 44000- 5000 Cobalt (Co) 0.034 0.030- 0.40 Rubidium (Rb)	M	, ,						
Copper (Cu) 11 11- 30 Zinc (Zn) 100 130- 200 Manganese (Mn) 0.25 0.08- 0.50 Chromium (Cr) 0.52 0.40- 0.70 Vanadium (V) 0.11 0.018- 0.065 Molybdenum (Mo) 0.043 0.025- 0.060 Boron (B) 1.8 0.40- 3.0 Iodine (I) 1.7 0.25- 1.8 Vanadium (Y) 0.015 0.007- 0.20 Phosphorus (P) 180 150- 220 Stontium (Sr) 0.28 0.30- 3.5 Sulfur (S) 48400 44000- 5000 Cobalt (Co) 0.006 0.03- 0.20 Iron (Fe) 37 7.0- 16 Germanium (Ge) 0.48 0.01- 0.12 Zirconium (Zr)		· · ·						
Zinc (Zn) 100 130-200 Manganese (Mn) 0.25 0.08-0.50 Chromium (Cr) 0.52 0.40-0.70 Wanadium (V) 0.11 0.018-0.065 Molybdenum (Mo) 0.043 0.025-0.060 Boron (B) 1.8 0.40-3.0 Iodine (I) 1.7 0.25-1.8 Lithium (Li) 0.015 0.007-0.020 Phosphorus (P) 180 150-220 Selenium (Se) 0.60 0.70-1.2 Strontium (Sr) 0.28 0.30-3.5 Sulfur (S) 48400 44000-50000 Cobalt (Co) 0.006 0.040-0.020 Iron (Fe) 37 7.0-16 Germanium (Ge) 0.034 0.030-0.040 Rubidium (Rb) 0.48 0.011-0.12 Zirconium (Zr) 0.18 0.020-0.44 SPECIMEN DATA RATIOS Ca/Mg CoMMENTS: Sample Size: 0.2 g Na/K 0.452								
Manganese (Mn) 0.25 0.08-0.50 Chromium (Cr) 0.52 0.40-0.70 Vanadium (V) 0.11 0.018-0.065 Molybdenum (Mo) 0.043 0.025-0.060 Boron (B) 1.8 0.40-3.0 Iodine (I) 1.7 0.25-1.8 Lithium (Li) 0.015 0.007-0.020 Phosphorus (P) 180 150-220 • Stentium (Se) 0.60 0.70-1.2 • Strontium (Sr) 0.28 0.30-3.5 • • Sulfur (S) 48400 44000-50000 • • Cobalt (Co) 0.034 0.004-0.020 • • Rubidium (Rb) 0.48 0.011-0.12 • • Zirconium (Zr) 0.18 0.020-0.44 • • Date Received: 3/20/2012 Sample Type: Head Na/K 0.452 0.5-10								
Chromium (Cr) 0.52 0.40-0.70 Vanadium (V) 0.11 0.018-0.065 Molybdenum (Mo) 0.043 0.025-0.060 Boron (B) 1.8 0.40-3.0 Iodine (I) 1.7 0.25-1.8 Lithium (Li) 0.015 0.007-0.020 Phosphorus (P) 180 150-220 Strontium (Sr) 0.28 0.30-3.5 Sulfur (S) 48400 4400-5000 Cobalt (Co) 0.034 0.030-0.040 Rubidium (Rb) 0.48 0.011-0.12 Zirconium (Zr) 0.18 0.020-0.44 SpeciMen DATA RATIOS RATIOS COMMENTS: Sample Size: 0.2 g Na/K 0.452 0.5-10 Date Collected: 3/20/2012 Sample Type: Head Na/K 0.452 0.5-10 Date Received: 4/13/2012 Hair Color: Brown Treatment: Zn/Cu 999 800								
Vanadium (V) 0.11 0.018-0.065 Molybdenum (Mo) 0.043 0.025-0.060 Boron (B) 1.8 0.40-3.0 Iodine (I) 1.7 0.25-1.8 Lithium (Li) 0.015 0.007-0.020 Phosphorus (P) 180 150-220 Selenium (Se) 0.60 0.70-1.2 Strontium (Sr) 0.28 0.30-3.5 Sulfur (S) 48400 44000-50000 Cobalt (Co) 0.006 0.004-0.020 Iron (Fe) 37 7.0-16 Column Germanium (Ge) 0.034 0.030-0.040 Column Rubidium (Rb) 0.48 0.011-0.12 Column Ratios Date Received: 3/20/2012 Sample Size: 0.2 g Ca/P 0.978 0.8-8 Date Collected: 3/20/2012 Sample Type: Head Na/K 0.452 0.5-10 Date Completed: 4/13/2012 Hai						-		
Molybdenum (Mo) 0.043 0.025-0.060 Boron (B) 1.8 0.40-3.0 Iodine (I) 1.7 0.25-1.8 Lithium (Li) 0.015 0.007-0.020 Phosphorus (P) 180 150-220 Stontium (Se) 0.60 0.70-1.2 Strontium (Sr) 0.28 0.30-3.5 Sulfur (S) 48400 4400-5000 Cobalt (Co) 0.006 0.04-0.020 Iron (Fe) 37 7.0-16 Germanium (Ge) 0.034 0.030-0.040 Column Rubidium (Rb) 0.48 0.011-0.12 Column Column Ratios RAnce Date Collected: 3/20/2012 Sample Size: 0.2 g Na/K 0.452 0.5-10 Date Completed: 4/13/2012 Hair Color: Brown Na/K 0.452 0.5-10 Zn/Cu 9.09 3800								
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Indiana Image: Constraint of the second								
Lithium (Li) 0.015 0.007-0.020 Phosphorus (P) 180 150-220 Selenium (Se) 0.60 0.70-1.2 Strontium (Sr) 0.28 0.30-3.5 Sulfur (S) 48400 44000-50000 Cobalt (Co) 0.006 0.004-0.020 Iron (Fe) 37 7.0-16 Germanium (Ge) 0.034 0.030-0.040 Rubidium (Rb) 0.48 0.011-0.12 Zirconium (Zr) 0.18 0.020-0.44 SPECIMEN DATA RATIOS RANGE COMMENTS: RATIOS RANGE Date Collected: 3/20/2012 Sample Size: 0.2 g Na/K 0.452 0.5-10 Date Collected: 4/13/2012 Hair Color: Brown Treatment: Zn/Cu 9.09 4-20 Methodology: ICP/MS Treatment: Zn/Cd 999 > 800			_					
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Strontium (Sr) 0.28 0.30-3.5 Image: Constraint of the stress of t		(2.)						
Sulfur (S) 48400 44000-50000 Cobalt (Co) 0.006 0.004-0.020 Image: Component of the system					_		•••••	
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Shampoo: Natures Gate

Health history for hair test 625

- 1. What are your current symptoms and health history?
 - Overall health was good until 15 years ago. From that time, steady degradation in neurological / cognitive / emotional / memory (forgot to write that). This year energy is declining.
- 2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)
 - Many cavities as a child. At least 4 "big" amalgam fillings on molars. All done before age 10.
 Braces as a teenager (metal type). All wisdom teeth out around age 20. One impacted, infected with abscess (twice).
- 3. What dental work do you currently have in place? What part of the dental clean-up have you completed?
 - All completed. Cavities filled with composite, amalgams removed and replaced with zirconium onlays. No other dental work in place.
- 4. What dentistry did your mother have at any time before or during pregnancy?
 - Unknown. Likely had amalgam fillings before.
- 5. What vaccinations have you had and when (including flu and especially travel shots)?
 - Have had many flu shots, anthrax, typhoid. US military vaccinations (don't remember them all) plus "standard" vaccinations for kids in the 1970s / 1980s. My parents would have given me what the world said was ok. They were very mainstream.
- 6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?
 - $\circ \quad \text{No medicines.}$
 - Supplements multivitamins like Centrum 1x per day, Lecithin 1g per day, Co12 liquid, probiotics. Did not start serious supplementation until after the hair test.
- 7. What is your age, height and weight?
 - \circ $\,$ 39 yo, 6', 190 lbs $\,$

8. Other information you feel may be relevant?

- Was in the US military overseas exposed to who knows what (1991-1996)
- Worked as a government contractor and crawled through the ceilings of many buildings, exposed to who knows what. (1997-1998)
- o In the month prior to hair test did bowel, liver and kidney cleanses. Lost 25 lbs.
- At the same time eliminated most toxins from diet. Switched to whole, natural foods. Reduced / eliminated meats and switched to fish. Changed soap, toothpaste, shampoo.
- Do not smoke. Drink moderately.
- Used to exercise, but now exercise results in being wiped out the rest of the day.
- Own both Andy's books AI and HTI.
- Have a supply of DMSA
- Currently on day 3 of first round of chelation (DMSA only 25 mg)
- 9. What is your location city & country (so that we can learn where certain toxins are more prevalent).
 - Quezon City, Philippines since 2005. Before that lived in South Korea from 1993-2005.