

Elementos Tóxicos & Essenciais; Cabelo

METAIS TÓXICOS				
		RESULTADO µg/g	INTERVALO DE REFERÊNCIA	PORCENTAGEM 68 th 95 th
Alumínio (Al)		21	< 7.0	
Antimônio (Sb)		< 0.01	< 0.050	
Arsênio (As)		0.022	< 0.060	
Bário (Ba)		1.4	< 2.0	
Berílio (Be)		< 0.01	< 0.020	
Bismuto (Bi)		0.003	< 2.0	
Cádmio (Cd)		< 0.009	< 0.050	
Chumbo (Pb)		0.17	< 0.60	
Mercúrio (Hg)		0.43	< 0.80	
Platina (Pt)		< 0.003	< 0.005	
Tálio (Tl)		< 0.001	< 0.002	
Tório (Th)		< 0.001	< 0.002	
Urânio (U)		0.010	< 0.060	
Níquel (Ni)		0.14	< 0.30	
Prata (Ag)		0.02	< 0.15	
Estanho (Sn)		0.06	< 0.30	
Titânio (Ti)		0.28	< 0.70	
Indicação Total de Elementos Tóxicos				

ELEMENTOS ESSENCIAIS E OUTROS				
		RESULTADO µg/g	INTERVALO DE REFERÊNCIA	PORCENTAGEM 2.5 th 16 th 50 th 84 th 97.5 th
Cálcio (Ca)		472	300- 1200	
Magnésio (Mg)		46	35- 120	
Sódio (Na)		37	20- 250	
Potássio (K)		6	8- 75	
Cobre (Cu)		10	11- 37	
Zinco (Zn)		180	140- 220	
Manganês (Mn)		0.32	0.08- 0.60	
Cromo (Cr)		0.35	0.40- 0.65	
Vanádio (V)		0.047	0.018- 0.065	
Molibdênio (Mo)		0.029	0.020- 0.050	
Boro (B)		0.40	0.25- 1.5	
Iodo (I)		10	0.25- 1.8	
Lítio (Li)		< 0.004	0.007- 0.020	
Fósforo (P)		152	150- 220	
Selênio (Se)		1.4	0.55- 1.1	
Estrôncio (Sr)		1.0	0.50- 7.6	
Enxofre (S)		47300	44000- 50000	
Cobalto (Co)		0.008	0.005- 0.040	
Ferro (Fe)		6.7	7.0- 16	
Germânio (Ge)		0.017	0.030- 0.040	
Rubídio (Rb)		0.019	0.007- 0.096	
Zircônio (Zr)		0.039	0.020- 0.42	

ESPÉCIME DADO	PROPORÇÃO		
	ELEMENTOS	PROPORÇÃO	INTERVALO
Comentários: Data de coleta: 09/23/2013 Data de receita: 11/21/2013 Data da análise: 11/24/2013 Metodologia: ICP/MS Peso da amostra: 0.2 g Tipo: Head Cor de cabelo: Brown Preparação: Xampu:	Ca/Mg	10.3	4- 30
	Ca/P	3.11	1- 12
	Na/K	6.17	0.5- 10
	Zn/Cu	18	4- 20
	Zn/Cd	> 999	> 800

Health history for hair test 887

1) What are your current symptoms and health history?

Teeth grinding in sleep, gastritis, esophagitis, ulcer, constipation, blurred vision, brain fog, procrastination, always missing the right word to complete the sentences, can't do math (at the food market for instance), loss of short term memory, muscle pain, cramps, tiredness, itchy flaky patches in lower calves, rosacea, disturbed by heat, light and noise, unsocial, occasional tinnitus, brain fog

April 2011 – thrombosis

Also in 2011 found out about Hashimoto's

Anti-TG antibodies

.Jun 22 2013= 830 iu/mL

.Aug 21 2013 teeth cleaning with 5 amalgam fillings in place

.Aug 24 2013= 977 iu/mL

.Sep 13-17 2013 ciprofloxacin

.Oct 7 2012= 1559 iu/mL

Avoiding gluten since June 2013 and milk since Sep 2013 helped somewhat with some symptoms esp. headaches/migraines

There is more, but now I forget

2) Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc...)

Lower left wisdom tooth removed in 2002

1 or 2 amalgams replaced for composite in 2004

1st amalgam put between 1977-1978 at 9-10 yo

3) What dental work do you currently have in place? What part of the dental cleanup have you completed?

5 amalgams in place

4 or 5 composites of unknown material

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

She was 20 yo and thinks she had no amalgams when I was born, but I have been diagnosed as farsighted at 4 yo (I don't know if there is a connection).

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

All regular children shots in the 70's

2009 – yellow fever and tetanus

Jun 2010 and Jun 2011 – flu shots

wore contacts in 1980 and again in 1996

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

Hair sample taken on Sep 23

* Pantogar for hair loss starting on Jul 22 for about 2 months

Each capsule contains (took 3x/day)

calcium pantothenate 60 mg

cystine 20 mg

thiamine nitrate 60 mg

yeast 100 mg

keratin 20 mg

aminobenzoic acid 20 mg

* vit D Jun 7 – Aug 8 1000 iu and increased to 3000 iu from Aug 9 on

* Aug 24- Aug 27 garlic pills (2x/day)

*-Sep 13 - Sep 17 Ciprofloxacin

-Sep 18-Sep 21 Azithromycin for Chlamydia (high antibodies)

-Sep 22-24 Mebendazole+Tiabendazole
-Sep 25-29 Metronidazole (Flagyl)
-Oct 2nd Albendazole

7) Other information you feel may be relevant?

Currently working with volcanogenic rocks and coal, HF, HNO₃, KClO₃, KOH

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

Porto Alegre, Brazil