

MINERALOGRAMA



PACIENTE: Number 473
 SEXO: Male
 EDAD: 43
 LOCATION: Pamplona - Spain

ELEMENTOS POTENCIALMENTE TOXICOS				
ELEMENTOS TOXICOS	RESULTADO $\mu\text{g/g}$	MARGEN DE REFERENCIA	PORCENTAJE	
			68 th	95 th
Aluminio	3,0	< 7,0		
Antimonio	0,67	< 0,066		
Arsénico	0,18	< 0,080		
Bario	0,21	< 1,0		
Berilio	< 0,01	< 0,020		
Bismuto	0,003	< 2,0		
Cadmio	0,041	< 0,065		
Plomo	1,0	< 0,80		
Mercurio	4,5	< 0,80		
Platino	< 0,003	< 0,005		
Talio	< 0,001	< 0,002		
Torio	0,001	< 0,002		
Uranio	0,021	< 0,060		
Niquel	0,07	< 0,20		
Plata	0,04	< 0,08		
Estaño	0,05	< 0,30		
Titanio	0,45	< 0,60		
Total Tóxico Representación				

ELEMENTOS NUTRIENTES Y OTROS							
ELEMENTOS	RESULTADO $\mu\text{g/g}$	MARGEN DE REFERENCIA	PORCENTAJE				
			2.5 th	16 th	50 th	84 th	97.5 th
Calcio	283	200- 750					
Magnesio	20	25- 75					
Sodio	62	20- 180					
Potasio	43	9- 80					
Cobre	11	11- 30					
Zinc	160	130- 200					
Manganeso	0,10	0,08- 0,50					
Cromo	0,74	0,40- 0,70					
Vanadio	0,14	0,018- 0,065					
Molibdeno	0,035	0,025- 0,060					
Boro	1,5	0,40- 3,0					
Yodo	0,29	0,25- 1,8					
Litio	< 0,004	0,007- 0,020					
Fosforo	215	150- 220					
Selenio	1,1	0,70- 1,2					
Estroncio	0,65	0,30- 3,5					
Azufre	48000	44000- 50000					
Cobalto	0,015	0,004- 0,020					
Hierro	11	7,0- 16					
Germanio	0,027	0,030- 0,040					
Rubidio	0,045	0,011- 0,12					
Circonio	0,041	0,020- 0,44					

INFORMACION MUESTRA			RATIOS		
COMENTARIOS:			ELEMENTOS	PROPORCIÓN	MARGEN DE REFERENCIA
Fecha de Toma:	29/3/2011	Tamaño de la Muestra: 0.196 g	Ca/Mg	14,2	4- 30
Fecha de Recepción:	7/4/2011	Tipo de Muestra: Head	Ca/P	1,32	0,8- 8
Fecha de Realización:	9/4/2011	Color del pelo:	Na/K	1,44	0,5- 10
		Tratamiento del pelo:	Zn/Cu	14,5	4- 20
Analizado con:	ICP-MS	Champú:	Zn/Cd	> 999	> 800

V10.08

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Health history for hair test 473

My answers, Sorry I'm spanish and I'm not speak English very well.

1. Digestive System Nausea/vomiting

- Emotions Anxiety, Confusion, Depression ,Fear and nervousness, Lethargy.
 - Energy Levels , Apathy , Chronic tiredness, Restlessness.
 - Head , Ringing in ears, vertigo.
 - Muscles & Joints , Cramping, Joint aches , Muscle aches, Muscle weakness.
 - Neurological/Mental , Lack of concentration, Learning disorders, Memory loss, short and long term.
 - Nose , Sinusitis , Excessive mucus formation.
- Arthritis, Chronic fatigue syndrome, Depression and Fibromyalgia.

2. My first amalgam was placed when I was 14 years old and now I'm 43 years old.

Total amalgam pieces 9 , 4 was replaced to dental crowns porcelain-metal my first dental crown was placed when I was 26 , the second when I was 30 , the third two years ago and quarter was replaced one year ago .

My firts Wisdom teeth was removed when I was 16 years old and after that the second Wisdom teeth was removed when I was 30 years old.

3. I've replaced 3 amalgam and I have 2 amalgams , yet.

After that I will replaced the dental crows to zirconium implants.

4.Anybody

5. Typhoid fever, hepatitis, tetanus, not influenza.

6. Ibuprophene, dexketoprofhene , paracetamol, aspirin.

7. I'm 43 and I wheigth 78 Kg

8. Pamplona - Spain