

MineralCheck



9 Toxins / 11 Essential Minerals

Age: 50
 Sex: M
 Master Number: 000
Order Number:
 Completed: May 10, 2010
 Received: May 05, 2010
 Collected: April 28, 2010

Number 361
 WEB

RESULTS OF YOUR HAIR ANALYSIS:

About This Report

Care should be used in the evaluation of your MineralCheck elemental analysis results. Hair treatments or other external contaminants may falsely elevate reported levels of an element.

Toxic Elements			
	Inside Range	Outside Range	Ref. Range (mcg/g)
Aluminum	<input type="text"/>	>22.7	<=17.3
Antimony	<input type="text"/>	0.230	<=0.016
Arsenic	<input type="text"/>	3.595	<=0.080
Bismuth	<input type="text"/>	0.235	<=0.178
Cadmium	<input type="text"/>	0.563	<=0.022
Lead	<input type="text"/>	15.359	<=0.700
Mercury	0.67	<input type="text"/>	<=1.32
Nickel	<input type="text"/>	0.73	<=0.55
Tin	<input type="text"/>	1.264	<=0.149

Nutrient Elements			
	Inside Range	Outside Range	Ref. Range (mcg/g)
Calcium*	<input type="text"/>	181	192-1,588
Chromium	0.18	<input type="text"/>	0.01-1.58
Cobalt	0.013	<input type="text"/>	0.001-0.129
Copper	13	<input type="text"/>	8-136
Magnesium*	13	<input type="text"/>	11-122
Manganese	0.61	<input type="text"/>	0.04-1.93
Molybdenum	0.39	<input type="text"/>	0.01-1.24
Strontium	0.60	<input type="text"/>	0.01-4.40
Sulfur	52,727	<input type="text"/>	41,781-60,894
Vanadium	0.058	<input type="text"/>	0.003-0.108
Zinc*	122	<input type="text"/>	119-245

This screen was developed and its performance characteristics determined by Genova Diagnostics, Inc. It has not been cleared by the U.S. Food and Drug Administration.

Reference ranges are derived from a healthy adult population without hair treatments such as perms, dyes, or bleach.

*High levels of these elements may reflect disordered metabolism or maldistribution in the body. In such cases, there may be a loss of these minerals from the organs and tissues where they are normally stored or utilized.

All values expressed in mcg/g (micrograms per gram).

Results and information are for personal use only, and are not intended to diagnose, cure, mitigate, treat, or prevent disease or other conditions, and are not intended to provide a determination or assessment of the state of health. Many factors influence mineral and toxic status and this product evaluates only twenty of these factors. Always consult with a licensed health care professional to interpret screen results and/or make health care decisions.

Commentary

Bismuth Reference Range Update

A recent Quality Control review of Hair Element testing resulted in the update of the Bismuth reference range. This report includes the new reference range. A statistical analysis was performed on the data, in compliance with NCCLS guidelines and recommendations for reference ranges.

Health history for hair test 361

1. **What are your current symptoms and health history?** Shaking, tired all the time, dizzy, loss of short term memory, can think straight.
2. **Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)**
Wisdom teeth never removed, one root canal at 12 years, front tooth removed from breakage, no braces, one silver filling at 29 years.
3. **What dental work do you currently have in place? What part of the dental clean-up have you completed?** One silver filling, none removed.
4. **What dentistry did your mother have at any time before or during pregnancy?** Mom had lots of silver fillings at time of pregnancy.
5. **What vaccinations have you had and when (including flu and especially travel shots)?** No vaccinations no flu shots.
6. **Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?** Untram and Valium at time of hair sample for 6 months
7. **What is your age, height and weight?** 50 years, 175 lbs, 5'9"
8. **Other information you feel may be relevant?** I drink well water as my main source of water.
9. **What is your location – city & country (so that we can learn where certain toxins are more prevalent)** Agua Dulce, CA USA