

# MINERAL TEST REPORT


 Patient **Mo**  
 Date **2018/01/27**

		Result	Normal	low	normal	ok	normal+	high
Calcium	<b>Ca</b>	<b>445.0</b>	279.0 - 598.0			●		
Magnesium	<b>Mg</b>	<b>30.7</b>	30.5 - 75.7		■			
Phosphorus	<b>P</b>	<b>158.3</b>	144.0 - 199.0		■			
Silicon	<b>Si</b>	<b>8.9</b>	15.0 - 31.0	■				
Sodium	<b>Na</b>	<b>60.2</b>	21.0 - 89.0			■		
Potassium	<b>K</b>	<b>31.0</b>	9.0 - 39.0			■		
Copper	<b>Cu</b>	<b>18.8</b>	11.0 - 28.0			■		
Zinc	<b>Zn</b>	<b>134.0</b>	125.0 - 155.0		■			
Iron	<b>Fe</b>	<b>8.7</b>	5.0 - 15.0		■			
Manganese	<b>Mn</b>	<b>0.33</b>	0.31 - 0.75		■			
Chromium	<b>Cr</b>	<b>0.82</b>	0.82 - 1.25		■			
Vanadium	<b>V</b>	<b>0.028</b>	0.009 - 0.083		■			
Boron	<b>B</b>	<b>1.76</b>	0.84 - 2.87			■		
Cobalt	<b>Co</b>	<b>0.032</b>	0.025 - 0.045			■		
Molybdenum	<b>Mo</b>	<b>0.046</b>	0.035 - 0.085		■			
Iodine	<b>I</b>	<b>0.31</b>	0.32 - 0.59		■			
Lithium	<b>Li</b>	<b>0.043</b>	0.052 - 0.120		■			
Germanium	<b>Ge</b>	<b>0.016</b>	0.003 - 0.028			●		
Selenium	<b>Se</b>	<b>1.54</b>	0.95 - 1.77			■		
Sulphur	<b>S</b>	<b>49.5</b>	48.1 - 52.0		■			

## MINERAL BALANCE

Deficiencies

**unsatisfactory: 100%**



Excess

**good: 0%**

## HEAVY METAL TEST REPORT



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		Result	normal	high -	excess
<b>Aluminium</b>	<b>Al</b>	<b>0.01533</b>			
Antimony	<b>Sb</b>	<b>0.00197</b>			
Silver	<b>Ag</b>	<b>0.01203</b>			
Arsenic	<b>As</b>	<b>0.00394</b>			
Barium	<b>Ba</b>	<b>0.00324</b>			
Beryllium	<b>Be</b>	<b>0.00471</b>			
Bismuth	<b>Bi</b>	<b>0.00525</b>			
Cadmium	<b>Cd</b>	<b>0.01074</b>			
Mercury	<b>Hg</b>	<b>0.01052</b>			
Nickel	<b>Ni</b>	<b>0.00422</b>			
Platinum	<b>Pt</b>	<b>0.00273</b>			
Lead	<b>Pb</b>	<b>0.00709</b>			
Thallium	<b>Tl</b>	<b>0.00079</b>			
Thorium	<b>Th</b>	<b>0.00048</b>			

## HEAVY METALS INTOXICATION


Overall Intoxication

**unsatisfactory: 77%**

Blockage suspicion for heavy metals elimination; possibly from lack of sulfur conjugation.

**good: 50%**

## RATIOS

Ratios	Normal	low	ok	high	deficiency	excess
Ca/Mg	<b>14.52</b>	7.84-18.25				
Ca/P	<b>2.81</b>	1.64-4.15				
K/Na	<b>0.51</b>	0.45-0.75				
Cu/Zn	<b>0.14</b>	0.11-0.17				

## OXIDATIVE STRESS

Oxidative Aggression

**good: 33%**

Oxidative Protection

**good: 84%**

## INTERPRÉTATION DES CORRÉLATIONS



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### Potential issues

Global heavy metal intoxication **unsatisfactory: 77%**



Predisposition to diabetes **good: 32%**



Acidosis **good: 56%**



Predisposition for allergies **good: 27%**



### Physiology

Enzymatic state **good: 84%**



Metabolism **acceptable: 55%**



Cognitive function **acceptable: 66%**



Tissue Repair **acceptable: 58%**



Cardiovascular system **acceptable: 59%**



Intestinal assimilation **good: 75%**



Immune system **good: 83%**



Hormonal state **good: 68%**



Emotional state **acceptable: 57%**



Nervous system **good: 75%**



Attention! The patient can have health issues linked to factors other than minerals/heavy metals; it has to be understood that the system only measures mineral and heavy metal levels in the tissue of the hand palm. Therefore a particular physiological health problem can be linked to reasons other than mineral/heavy metal issues. It has to be understood that ZELL-SCREENING only measures mineral and heavy metal levels in the tissue of the hand palm. Therefore a particular physiological health problem can be linked to reasons other than a mineral/heavy metal issue.

### COMMENTS

**Methodology:** Spectrophotometry of palmar dermis

Caution! These values are not for diagnostic purposes ; these are only an interpretation of correlations between minerals & oligo-elements tested with ZELL-SCREENING. These relationships have been widely documented throughout the scientific literature on micronutrients and orthomolecular medicine. The ZELL-SCREENING test is only a functional element of balance in the body.