biomolmed laboratorium

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bsi. ISO 9001 Quality Management
FS 609038

Elemental
Hair Analysis

ANALYTICAL PROGRAMME

Test report: Example result

The sample belongs to: Example result

Test ordered by: Example result

The result has been issued in accordance with the PB-01 test procedure. from 01.02.2016


RZETELNA Firma

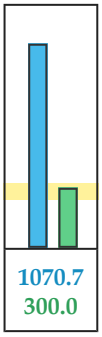
Dear Sirs,

The laboratory of Trace Elements Biomol-Med Sp. z o.o., performs the quantitative analyses of elements contained in hair. Based on our own research and the literature, we have determined the standards of mineral hair composition for the Central European population. Based on the findings available in the medical literature on the mineral metabolism from the recent decade, we have developed the relationships between elements. The Analytic Program is a diagnostic method for establishing the amount of the most important elements in human body. The result of the Analytic Program will allow your doctor to assess your body's nutritional status. By interpretation of the element analysis of hair, the doctor can recommend a proper nutrition methods (diet supported by vitamin and mineral supplements).

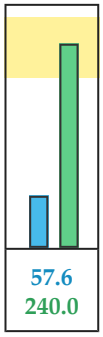
Management Board,
Biomol-Med Sp. z o.o.

Elemental hair test results

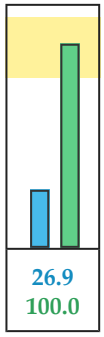
Elements



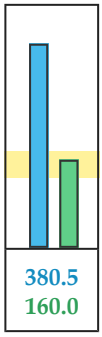
Ca (calcium)
+ 257 %



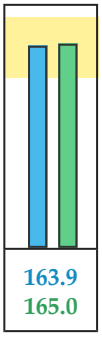
Na (sodium)
- 76 %



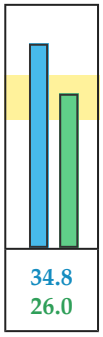
K (potassium)
- 73 %



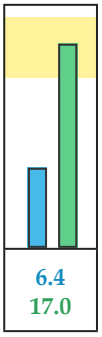
P (phosphorus)
+ 138 %



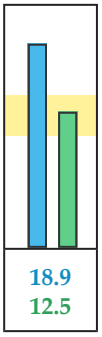
Zn (zinc)
- 1 %



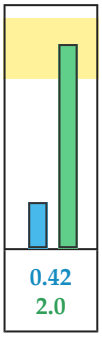
Mg (magnesium)
+ 34 %



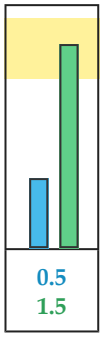
Fe (iron)
- 62 %



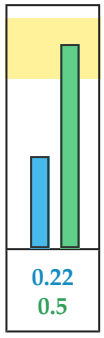
Cu (copper)
+ 51 %



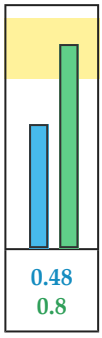
Ni (nickiel)
- 79 %



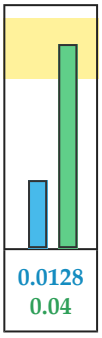
Mn (manganese)
- 67 %



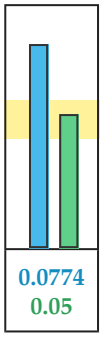
Se (selenium)
- 56 %



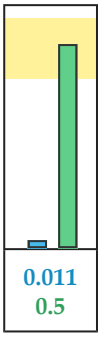
Cr (chromium)
- 40 %



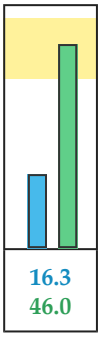
Mo (molybdenum)
- 68 %



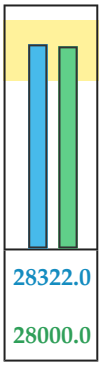
Co (cobalt)
+ 55 %



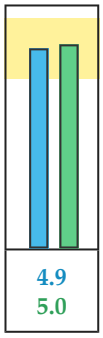
Ag (silver)
- 98 %



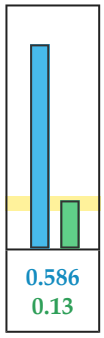
Si (silicon)
- 65 %



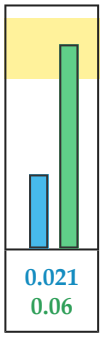
S (sulfur)
+ 1 %



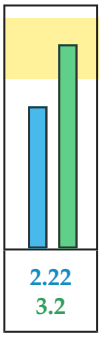
I (iodine)
- 2 %



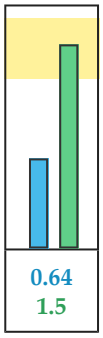
Sn (tin)
+ 351 %



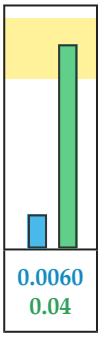
V (vanadium)
- 65 %



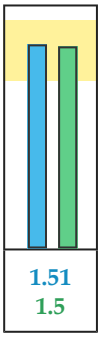
Sr (strontium)
- 31 %



B (boron)
- 57 %

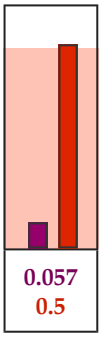


Li (lithium)
- 85 %

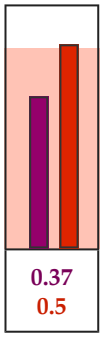


Ba (barium)
+ 1 %

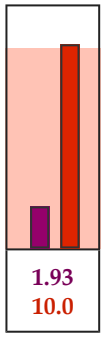
Toxic elements



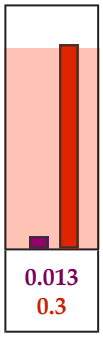
As(arsenium)



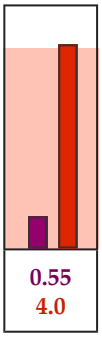
Hg(mercury)



Al(aluminium)



Cd(cadmium)



Pb(lead)

Reference names (Values in ppm - mg of a given element /1 kg of hair)

test value

correct value

reference range of an element

tested value of a toxic element

maximum value of a toxic element

reference value of a toxic element

Sample test result authorised by:

Date of sample delivery: 2018-02-02. Test date: 2018-03-29.

Authorisation date: 2018-04-03.

We hereby represent that the result is based on the sample which we received on 2018-02-02.

Chemical element analysis was performed on the Perkin Elmer ICP Optima 5300 DV and ICP MS DRC2

Uncertainty of test was based according to EA-4/16 domument.

Uncertainty values constitute uncertainties extended with certainty level of ca. 95% and coverage factor k=2.

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