

Hair Tissue Mineral Analysis

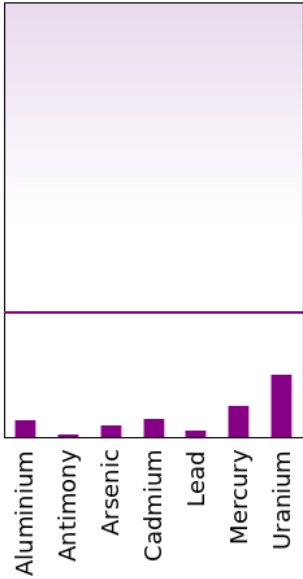
Patient	Mrs Karri Penley
DOB	16-Mar-1976
Address	4A Bellier Place Hamilton Hill WA 6163
Practitioner	Mr Anton Rieniets
Collection date	19-Nov-2024
Report date	28-Nov-2024



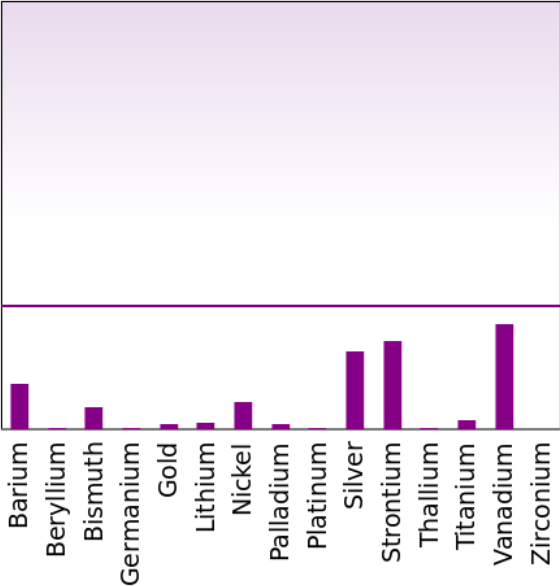
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ABN: 4584 2507 179

Results expressed in parts per million (ppm)
Reference ranges and results © 2008-2019 Mediscan

Toxic Elements



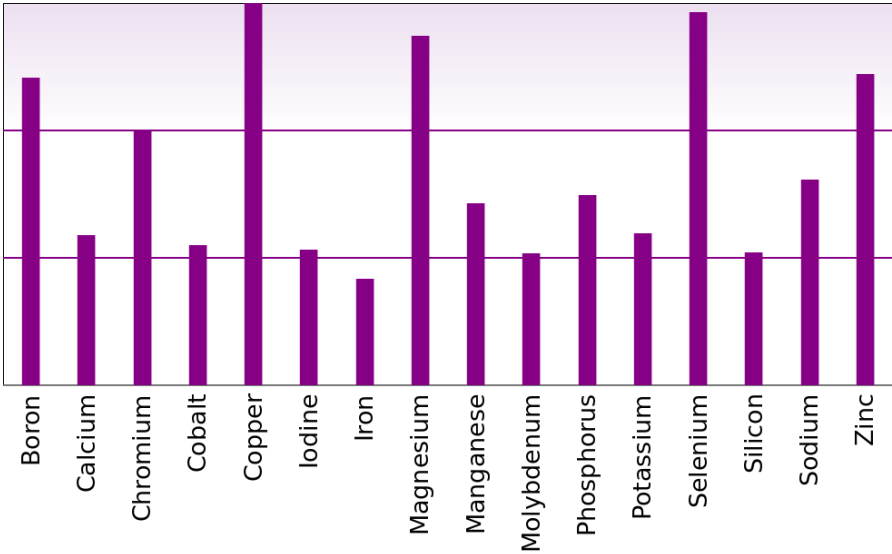
Other Elements



	Result	Reference
Aluminium	1.6	0.0 - 12.0
Antimony	0.004	0.0 - 0.2
Arsenic	0.019	0.0 - 0.2
Cadmium	0.017	0.0 - 0.12
Lead	0.177	0.0 - 3.3
Mercury	0.25	0.0 - 1.0
Uranium	0.1	0.0 - 0.2

Barium	1.1	0.0 - 3.0
Beryllium	< 0.001	0.0 - 0.1
Bismuth	0.088	0.0 - 0.5
Germanium	< 0.002	0.0 - 0.4
Gold	0.01	0.0 - 0.3
Lithium	0.01	0.0 - 0.2
Nickel	0.17	0.0 - 0.8
Palladium	< 0.005	0.0 - 0.12
Platinum	< 0.001	0.0 - 0.6
Silver	0.76	0.0 - 1.2
Strontium	4.99	0.0 - 7.0
Thallium	< 0.001	0.0 - 0.2
Titanium	0.64	0.0 - 10.0
Vanadium	0.17	0.0 - 0.2
Zirconium	0.0	0.0 - 0.5

Minerals



Boron	6.4	0.3 - 3.5
Calcium	562.0	300.0 - 1800.0
Chromium	0.3	0.04 - 0.3
Cobalt	0.031	0.002 - 0.3
Copper	157.5	10.0 - 27.0
Iodine	0.5	0.3 - 3.5
Iron	5.0	6.0 - 14.0
Magnesium	247.8	20.0 - 100.0
Manganese	0.21	0.07 - 0.4
Molybdenum	0.03	0.02 - 0.3
Phosphorus	147.0	115.0 - 180.0
Potassium	46.7	10.0 - 200.0
Selenium	4.58	0.6 - 1.6
Silicon	89.5	70.0 - 550.0
Sodium	312.9	20.0 - 500.0
Zinc	414.0	145.0 - 220.0

	Result
Overt or hidden copper overload	Yes
Significant Pb effect (Mn,Cr,Fe high)	No
Ca > 1800	No
Hg > 4	No
Ca/K > 10	Yes
Na/K < 3.0	No
B > 3.5	Yes
Cu/Mo > 625	Yes
K < 10	No
Ba > 2.6	No
Mo < 0.02	No
Zn/Cu < 6	Yes

Ratio	Result	Ideal
Na/K	6.7	3.0
Ca/K	12.03	5.0
Zn/Cu	2.63	8.0
Cu/Mo	5250.0	115.0
Na/Mg	1.26	4.0