



### MINERAL ANALYSIS

### Childs' Hair

Doctor	905	Sample Number	21002KH44465
Patient Name	OOOOOOO	Age	4
Test Date	19. Oct. 04	Sex	m
		Dilution Factor	227.3
Essential Macroelements (ppm=mg/kg=mg/L)			High

#### Acceptable Range Test Value

Calcium	200.000---850.00	679.700	*****
Magnesium	20.000---115.00	27.740	*****

Essential Trace Elements (ppm = mg/L = mg/kg)	Low	Acceptable Range	High
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#### Acceptable Range Test Value

Chromium	0.050---0.530	0.193	*****
Cobalt	0.000---0.450	0.010	*****
Copper	6.700---37.000	9.857	*****
Manganese	0.070---0.720	0.222	*****
Molybdenum	0.030---1.000	0.085	*****
Selenium	0.200---3.000	0.967	*****
Zinc	110.000---227.00	89.020	Low *****

Other Nonessential Elements (ppm = mg/L = mg/kg)			High
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#### Acceptable Range Test Value

Boron	0.000---3.290	2.783	*****
Germanium	0.000---0.500	0.001	*****
Iodine *	0.011---4.650	1.075	*****
Lithium	0.000---0.500	0.005	*****
Strontium	0.000---4.280	0.731	*****
Vanadium	0.050---0.500	0.078	*****

Potentially Toxic Elements (ppm = mg/L = mg/kg)			High
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#### Acceptable Range Test Value

Aluminum	0.000---8.000	9.610	High *****
Antimony	0.000---0.398	0.657	High *****
Arsenic	0.000---0.700	0.035	*****
Barium	0.000---2.650	0.400	*****
Beryllium	0.000---0.060	0.000	<
Bismuth	0.000---0.179	0.002	*****
Cadmium	0.000---0.320	0.010	*****
Lead	0.000---4.000	0.449	*****
Mercury	0.000---0.500	1.029	High *****
Nickel	0.000---0.850	0.119	*****
Palladium	0.000---0.008	0.000	<
Platinum	0.000---0.070	0.000	<
Silver	0.000---0.500	0.029	*****