



### MINERAL ANALYSIS

### Childs' Hair

Doctor	788	Sample Number	21002KH41390		
Patient Name	OOOOOO	Age	4	Sex	m
Test Date	06. Apr. 04	Dilution Factor	192.3		
Essential Elements (ppm = mg/L = mg/kg)		Low	Acceptable Range	High	

	Acceptable Range	Test Value	
Calcium	200.000---850.00	297.400	*****
Chromium	0.050---0.530	0.187	*****
Cobalt	0.000---0.450	0.008	*****
Copper	6.700---37.000	11.550	*****
Magnesium	20.000---115.00	15.020	<b>Low</b> *****
Manganese	0.070---0.720	0.257	*****
Molybdenum	0.030---1.000	0.115	*****
Selenium	0.200---3.000	1.605	*****
Zinc	110.000---227.00	108.900	<b>Low</b> *****

Other Nonessential Elements (ppm = mg/L = mg/kg)			High
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	Acceptable Range	Test Value	
Boron	0.000---3.290	2.655	*****
Germanium	0.000---0.500	0.005	*****
Iodine *	0.011---4.650	0.398	*****
Lithium	0.000---0.500	0.001	*****
Strontium	0.000---4.280	0.332	*****
Vanadium	0.050---0.500	0.190	*****

Potentially Toxic Elements (ppm = mg/L = mg/kg)			High
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	Acceptable Range	Test Value	
Aluminum	0.000---8.000	14.360	<b>High</b> *****
Antimony	0.000---0.398	1.070	<b>High</b> *****
Arsenic	0.000---0.700	0.060	*****
Barium	0.000---2.650	0.451	*****
Beryllium	0.000---0.060	0.000	<
Bismuth	0.000---0.179	0.005	*****
Cadmium	0.000---0.320	0.017	*****
Lead	0.000---4.000	0.919	*****
Mercury	0.000---0.500	2.046	<b>High</b> *****
Nickel	0.000---0.850	0.330	*****
Palladium	0.000---0.008	0.000	<
Platinum	0.000---0.070	0.001	*****
Silver	0.000---0.500	0.039	*****
Thallium	0.000---0.004	0.000	<
Tin	0.000---0.930	0.478	*****