



SEX: Female  
DOB: 11/14/2018

AGE: 6

**Toxic & Essential Elements; Hair**

TOXIC METALS				
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)		2.3	< 8.0	
Antimony (Sb)		0.012	< 0.066	
Arsenic (As)		0.030	< 0.060	
Barium (Ba)		0.28	< 1.5	
Beryllium (Be)		< 0.01	< 0.020	
Bismuth (Bi)		< 0.002	< 2.0	
Cadmium (Cd)		0.12	< 0.070	
Lead (Pb)		2.2	< 0.80	
Mercury (Hg)		0.16	< 0.40	
Platinum (Pt)		< 0.003	< 0.005	
Thallium (Tl)		0.001	< 0.002	
Thorium (Th)		0.001	< 0.002	
Uranium (U)		0.019	< 0.060	
Nickel (Ni)		1.1	< 0.30	
Silver (Ag)		0.25	< 0.18	
Tin (Sn)		0.35	< 0.30	
Titanium (Ti)		0.16	< 0.70	
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS					
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 <sup>th</sup> 16 <sup>th</sup> 50 <sup>th</sup> 84 <sup>th</sup> 97.5 <sup>th</sup>	
Calcium (Ca)		321	250- 800		
Magnesium (Mg)		28	25- 90		
Sodium (Na)		170	18- 180		
Potassium (K)		270	10- 90		
Copper (Cu)		17	11- 37		
Zinc (Zn)		180	120- 220		
Manganese (Mn)		0.41	0.08- 0.60		
Chromium (Cr)		0.34	0.40- 0.65		
Vanadium (V)		0.023	0.025- 0.10		
Molybdenum (Mo)		0.046	0.030- 0.090		
Boron (B)		2.4	0.30- 1.7		
Iodine (I)		1.1	0.25- 1.3		
Lithium (Li)		0.35	0.007- 0.020		
Phosphorus (P)		163	150- 220		
Selenium (Se)		0.66	0.70- 1.1		
Strontium (Sr)		0.34	0.37- 3.6		
Sulfur (S)		46600	44000- 51000		
Cobalt (Co)		0.014	0.005- 0.035		
Iron (Fe)		8.9	7.0- 16		
Germanium (Ge)		0.032	0.030- 0.040		
Rubidium (Rb)		0.49	0.008- 0.080		
Zirconium (Zr)		0.008	0.030- 0.40		

SPECIMEN DATA		RATIOS	
<b>COMMENTS:</b>		<b>ELEMENTS</b>	<b>RATIOS</b>
Date Collected: 09/26/2025		Ca/Mg	11.5
Date Received: 10/06/2025		Ca/P	1.97
Date Reported: 10/08/2025		Na/K	0.63
Methodology: ICP/MS		Zn/Cu	10.6
Sample Size: 0.196 g		Zn/Cd	> 999
Sample Type: Head			
Hair Color: Black			
Treatment:			
Shampoo:			
		<b>RANGE</b>	
		4- 30	
		1- 12	
		0.5- 10	
		4- 20	
		> 800	

I have attached the original PDF report from Doctor's Data.

Details requested:

1. Current symptoms and health history  
Child: Female, 7 years old. Diagnosed with autism spectrum disorder. Non-verbal with limited communication. Sensory sensitivity and developmental delays. Otherwise generally healthy.
2. Dental history  
No dental procedures yet. No extractions, root canals, braces, or amalgams.
3. Current dental work  
None.
4. Mother's dental history before or during pregnancy  
None.
5. Vaccination history  
Child received routine childhood vaccinations according to schedule.
6. Supplements and medications at the time of hair test (or previous 3–6 months)  
CoQ10 with glutamine)  
Fish oil (Speak+D)  
Probiotics  
Occasional vitamins/minerals
7. Age, height, weight  
Age: 7 years  
Height: -130 cm  
Weight: - 22 kg (48 Lbs)
8. Other relevant information  
The test was performed using the Doctor's Data hair elements test. We are exploring whether mineral transport patterns or heavy-metal exposure could be contributing to symptoms.
9. Location  
Bhubaneswar, India

Please let me know if any additional information is required.

Thank you for maintaining this resource.