



Toxic Element Exposure Profile (Hair Analysis)



63 Zillicoa Street
Asheville, NC 28801
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Patient: [Redacted]
Age: 3
Sex: F
MRN: [Redacted]

Order Number: A8050296
Completed: December 10, 2008
Received: December 05, 2008
Collected: August 10, 2008

Andrew Scott Chiropractic, Inc
Andrew Scott DC
1271 Pleasant Grv Blvd Ste 130
Roseville, CA 95747

Toxic Elements		
Element	Reference Range	Reference Range in µg/g
Aluminum	[Yellow]	>26.3 <= 17.3
Antimony	[Yellow]	0.749 <= 0.016
Arsenic	[Yellow]	0.080 <= 0.080
Barium	[Yellow]	6.78 <= 1.70
Bismuth	[Yellow]	>5.263 <= 0.178
Cadmium	[Yellow]	0.078 <= 0.022
Gadolinium	[Yellow]	0.0126 <= 0.0005
Gallium	[Yellow]	0.0587 <= 0.0190
Germanium	[Yellow]	<dl <= 0.128
Lead	[Yellow]	1.391 <= 0.700

Copper		
Element	Reference Range	Reference Range in µg/g
Copper	[Yellow]	30 8-136

Toxic Elements		
Element	Reference Range	Reference Range in µg/g
Mercury	[Yellow]	0.37 <= 1.32
Nickel	[Yellow]	0.93 <= 0.55
Palladium	[Yellow]	0.038 <= 0.015
Platinum	[Yellow]	0.0050 <= 0.0004
Rhodium	[Yellow]	0.0005 <= 0.0005
Tellurium	[Yellow]	<dl <= 0.0037
Thallium	[Yellow]	0.0005 <= 0.0004
Thorium	[Yellow]	<dl <= 0.0749
Tin	[Yellow]	2.388 <= 0.149
Tungsten	[Yellow]	0.0076 <= 0.0014
Uranium	[Yellow]	0.0463 <= 0.0057

Reference ranges are derived from a healthy adult population without hair treatments such as perms, dyes, or bleach.

Commentary

Lab Comments

Aluminum, Tin and Bismuth values verified by repeat analysis.
12/11/2008 ssg

This test has been developed and its performance characteristics determined by Genova Diagnostics, Inc. It has not been cleared or approved by the U.S. Food and Drug Administration.

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