

Client: Parasitology Center Inc.  
Addr: 11445 E. Via Linda, 2-419  
Scottsdale, AZ 85259  
Phone: (480) 767-2522  
Contact: Dr. Omar Amin Karim AminFirst Name: ██████████  
Last Name: ██████████  
ID: ██████████

Test Name: Complete Heavy Metals Test

Profile: HCC2047

Media: Hair  
Reason: RandomSpecid: ██████████  
Acc #: ██████████  
Collected: ██████████  
Received: 04/05/2018 11:40 AM  
Released: 04/10/2018 7:27 PM  
Status: Complete

| Substance | Lab Result   | Test Value   | High Value   | Test Method |
|-----------|--------------|--------------|--------------|-------------|
| LITHIUM   | Detected     | 138 ug/kg H  | 42 ug/kg     | ICPMS       |
| BERYLLIUM | Detected     | 6.0 ug/kg    | 12 ug/kg     | ICPMS       |
| ALUMINUM  | Detected     | 71 ug/kg     | 8000 ug/kg   | ICPMS       |
| CHROMIUM  | Detected     | 635 ug/kg H  | 520 ug/kg    | ICPMS       |
| MANGANESE | Detected     | 280 ug/kg    | 570 ug/kg    | ICPMS       |
| COBALT    | Detected     | 53 ug/kg     | 140 ug/kg    | ICPMS       |
| NICKEL    | Detected     | 353 ug/kg    | 900 ug/kg    | ICPMS       |
| COPPER    | Detected     | 14047 ug/kg  | 61300 ug/kg  | ICPMS       |
| ZINC      | Detected     | 170392 ug/kg | 209000 ug/kg | ICPMS       |
| ARSENIC   | Detected     | 26 ug/kg     | 80 ug/kg     | ICPMS       |
| SELENIUM  | Detected     | 409 ug/kg    | 1370 ug/kg   | ICPMS       |
| SILVER    | Detected     | 138 ug/kg    | 1310 ug/kg   | ICPMS       |
| CADMIUM   | Detected     | 16 ug/kg     | 170 ug/kg    | ICPMS       |
| TIN       | Detected     | 294 ug/kg    | 340 ug/kg    | ICPMS       |
| ANTIMONY  | Detected     | 20 ug/kg     | 130 ug/kg    | ICPMS       |
| BARIUM    | < 0.01 ug/kg | < 0.01 ug/kg | 1580 ug/kg   | ICPMS       |
| PLATINUM  | Detected     | 1.9 ug/kg H  | 0.8 ug/kg    | ICPMS       |
| MERCURY   | Detected     | 209 ug/kg    | 1660 ug/kg   | ICPMS       |
| LEAD      | Detected     | 293 ug/kg    | 4570 ug/kg   | ICPMS       |
| THORIUM   | Detected     | 9.7 ug/kg H  | 5 ug/kg      | ICPMS       |
| URANIUM   | Detected     | 9.8 ug/kg    | 30 ug/kg     | ICPMS       |

**Test Comment:**

1.5" of head hair tested (Approximately 3 months timeframe)

# ExperTox<sup>®</sup>

drugs.alcohol.poisons.laboratory

The preceding result has been reviewed and is certified to be as reported. T.Quill (Certifying Scientist)