HAIR ELEMENTS



PATIENT: Number 243 SEX: Male

AGE: 75 LOCATION: Bologna, Northern Italy

POTENTIALLY TOXIC ELEMENTS TOXIC RESULT REFERENCE PERCENTILE 95th 68th **ELEMENTS** RANGE μg/g 7.0 2.2 Aluminum < Antimony < 0.066 0.033 < 0.080 Arsenic 0.10 1.0 < Barium 0.21 < 0.020 Beryllium < 0.01 < 2.0 Bismuth 0.016 Cadmium 0.048 < 0.065 < 0.80 Lead 0.43 < 0.80 Mercury 0.71 < 0.005 Platinum < 0.003 0.002 Thallium < < 0.001 < 0.002 Thorium < 0.001 < 0.060 Uranium 0.014 0.20 Nickel < 0.10 0.08 Silver < 0.20 0.30 Tin 0.08 < < 0.60 Titanium 0.38 Total Toxic Representation **ESSENTIAL AND OTHER ELEMENTS** REFERENCE PERCENTILE RESULT 2.5th 16th 50th RANGE 84th 97.5th ELEMENTS μg/g 200-750 Calcium 262 25-75 Magnesium 18 180 20-Sodium 98 80 Potassium 52 9_ 11-30 Copper 7.9 130-200 Zinc 120 0.08-0.50 Manganese 0.11 0.40-0.70 Chromium 0.70 0.018- 0.065 Vanadium 0.13 Molybdenum 0.23 0.025-0.060 0.40-3.0 Boron 1.7 0.25-1.8 Iodine 0.47 0.007- 0.020 Lithium 0.011 150-220 Phosphorus 128 Selenium 0.70-1.2 0.91 0.30-3.5 Strontium 0.74 44000- 50000 Sulfur 45200 Cobalt 0.16 0.004-0.020 Iron 7.0-16 14 0.030- 0.040 Germanium 0.026 Rubidium 0.047 0.011-0.12 0.020-0.44 Zirconium 0.053 SPECIMEN DATA RATIOS COMMENTS: **EXPECTED ELEMENTS** RATIOS RANGE Date Collected: 12/31/2008 Sample Size: 0.198 g 4-30 Date Received: 1/20/2009 Sample Type: Head Ca/Mg 14.6 0.8-Ca/P 8 Date Completed: 1/23/2009 Hair Color: 2.05 0.5-10 **Client Reference:** Treatment: Na/K 1.88 20 4-Methodology: Zn/Cu 15.2 ICP-MS Shampoo: Ordinery V010.08 Zn/Cd > 800 > 999

©DOCTOR'S DATA, INC. • ADDRESS: 3755 Illinois Avenue, St. Charles, IL 60174-2420 • CLIA ID NO: 14D0646470 • MEDICARE PROVIDER NO: 148453

Health history for hair test 243

He has got dentures now.

Very, very poorly in hospital for 2 months with a 3,000 platelet count.

Had prostate cancer 5 years ago and RA for 10 years.

Bone marrow biopsy shows it's clean and platelets are produced ok, but destroyed very,

very fast (still docs can't find out what activated his immune system).

Has been breathing in cobalt dust from sharpening inox-cutting discs for 25 years, exposure ended 10 years ago. They ruled out leukaemia from start but cannot raise his platelets as yet!