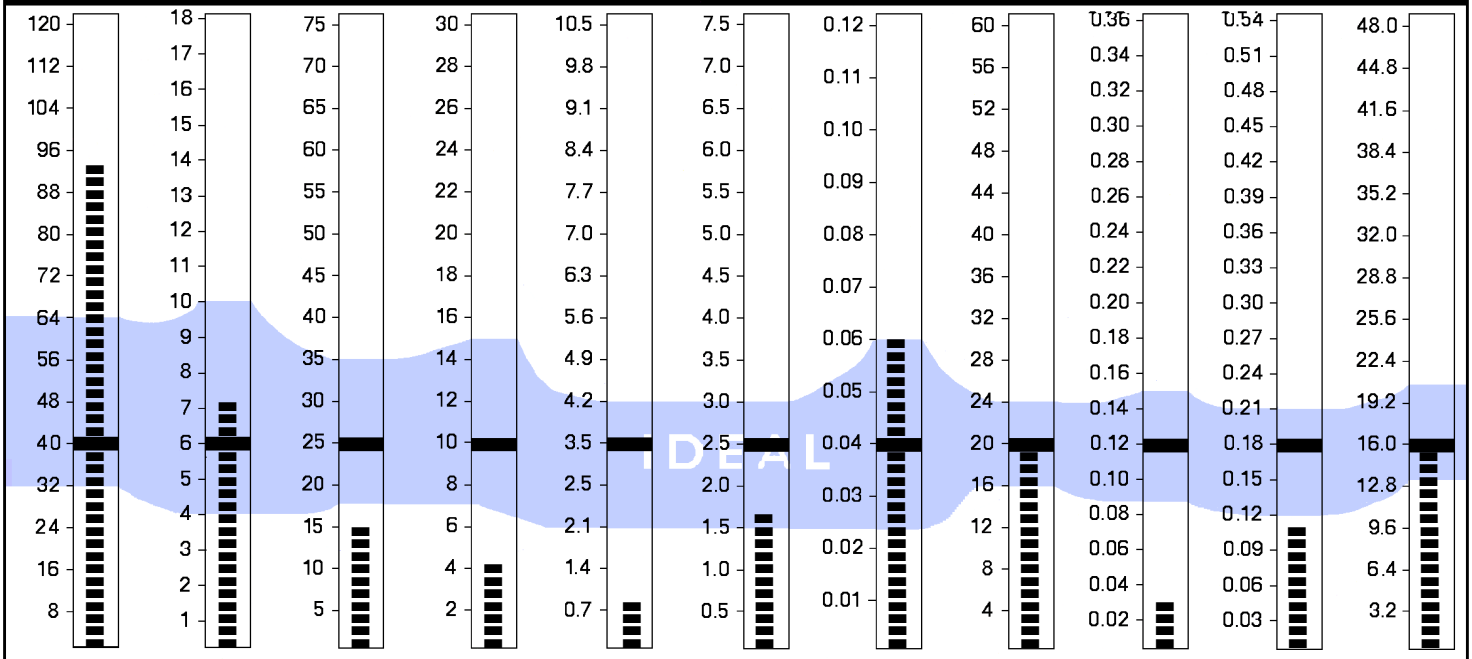
ARL ANALYTICAL RESEARCH LABS, INC.
2225 W. Alice Ave. • Phoenix, AZ 85021 USA • (602) 995-1580

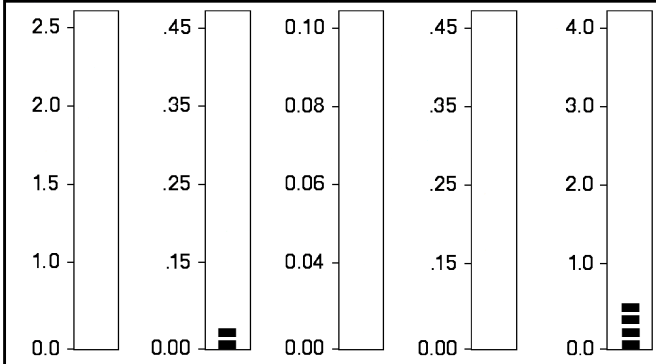
PATIENT NAME: [redacted]			Will Houghton
SEX: F	AGE: 58	DATE: 8/14/2025	LAB NO. [redacted]

NUTRIENT MINERALS



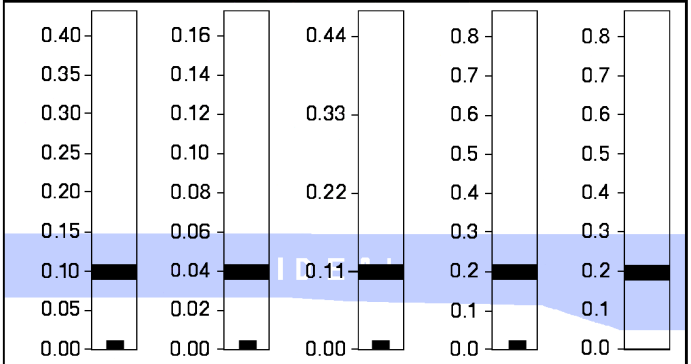
Mineral	Current	Previous Test
CALCIUM (Ca)	92.0	310.0
MAGNESIUM (Mg)	7.0	20.0
SODIUM (Na)	15.0	10.0
POTASSIUM (K)	4.0	2.0
IRON (Fe)	0.8	1.2
COPPER (Cu)	1.6	4.8
MANGANESE (Mn)	0.059	0.352
ZINC (Zn)	19.0	42.0
CHROMIUM (Cr)	0.027	0.062
SELENIUM (Se)	0.101	18.36
PHOSPHORUS (P)	15.0	12.0

TOXIC METALS



Metal	Current	Previous Test
LEAD (Pb)	0.008	0.038
MERCURY (Hg)	0.033	0.030
CADMIUM (Cd)	0.004	0.008
ARSENIC (As)	0.003	0.050
ALUMINUM (Al)	0.57	0.96

ADDITIONAL MINERALS



Mineral	Current	Previous Test
NICKEL (Ni)	0.014	0.044
COBALT (Co)	0.001	0.004
MOLYBDENUM (Mo)	0.008	0.030
LITHIUM (Li)	0.001	0.002
BORON (B)	N/A	N/A

SIGNIFICANT MINERAL RATIOS

MINERAL RATIO	IDEAL RATIO	CURRENT RATIO	% OF IDEAL	PREVIOUS RATIO	LOW	IDEAL	HIGH
CA/MG	6.67	13.14	197	15.50			
CA/K	4.00	23.00	575	155.00			
NA/MG	4.17	2.14	51	0.50			
NA/K	2.50	3.75	150	5.00			
ZN/CU	8.00	11.88	149	8.75			
CA/P	2.50	6.13	245	25.83			

MIXED OXIDIZER [ ] FAST OXIDIZER [ ] SLOW OXIDIZER ***

N/A -- NOT AVAILABLE REPORTED IN Mg/% Testing by ACCUTRACE LABORATORIES, INC. • CLIA# 03D0641886 • Phoenix, AZ USA 85021 COPYRIGHT © 1981-2002 by ANALYTICAL RESEARCH LABORATORIES, INC. ARL-10 3/07