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CASE NARRATIVE

Viva Nova Inc

Project Name: Metal Testing

Project # N/A

Order ID # Q2828

Test Name: Mercury, Metals ICP-Group1

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 08/11/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals Group1 and Metals ICP-Group1. This data package contains results for Mercury, Metals ICP-Group1.

C. Analytical Techniques:

The analysis of Metals ICP-Group1 was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Duplicate (POWDERMSD) analysis met criteria for all compounds except for Iron and Vanadium due to Chemical Interference during Digestion process.

The Matrix Spike (POWDERMS) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Potassium, Selenium, Silver, Thallium and Vanadium due to Chemical Interference during Digestion process.

The Matrix Spike Duplicate (POWDERMSD) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Potassium, Selenium, Silver and Vanadium due to Chemical Interference during Digestion process.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution (POWDERL) met criteria for all compounds except for Aluminum, Calcium, Chromium, Copper, Iron, Manganese and Zinc due to sample matrix Interference.

E. Additional Comments:

The Post Digest Spike (POWDERA) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Potassium, Selenium, Silver and Vanadium due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

The Date and time of sampling was not listed in the COC.



I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____