

Hit Summary Sheet
SW-846

SDG No.: Q2828
Client: Viva Nova Inc

Order ID: Q2828
Project ID: Metal Testing

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : POWDER								
Q2828-01	POWDER	SOIL	Aluminum	7750		0.78	4.66	mg/Kg
Q2828-01	POWDER	SOIL	Antimony	4.95		0.21	2.33	mg/Kg
Q2828-01	POWDER	SOIL	Arsenic	5.28		0.18	0.93	mg/Kg
Q2828-01	POWDER	SOIL	Barium	123		0.68	4.66	mg/Kg
Q2828-01	POWDER	SOIL	Beryllium	0.95		0.023	0.28	mg/Kg
Q2828-01	POWDER	SOIL	Cadmium	4.95		0.022	0.28	mg/Kg
Q2828-01	POWDER	SOIL	Calcium	8670		10.3	93.2	mg/Kg
Q2828-01	POWDER	SOIL	Chromium	60.9		0.044	0.47	mg/Kg
Q2828-01	POWDER	SOIL	Cobalt	40.3		0.093	1.40	mg/Kg
Q2828-01	POWDER	SOIL	Copper	76.1		0.21	0.93	mg/Kg
Q2828-01	POWDER	SOIL	Iron	12000		3.72	4.66	mg/Kg
Q2828-01	POWDER	SOIL	Lead	71.4		0.12	0.56	mg/Kg
Q2828-01	POWDER	SOIL	Magnesium	1200		11.2	93.2	mg/Kg
Q2828-01	POWDER	SOIL	Manganese	207		0.13	0.93	mg/Kg
Q2828-01	POWDER	SOIL	Nickel	143		0.12	1.86	mg/Kg
Q2828-01	POWDER	SOIL	Potassium	309		25.8	93.2	mg/Kg
Q2828-01	POWDER	SOIL	Selenium	0.51	J	0.24	0.93	mg/Kg
Q2828-01	POWDER	SOIL	Silver	1.58		0.11	0.47	mg/Kg
Q2828-01	POWDER	SOIL	Sodium	872		16.6	93.2	mg/Kg
Q2828-01	POWDER	SOIL	Thallium	0.43	J	0.21	1.86	mg/Kg
Q2828-01	POWDER	SOIL	Vanadium	31.8		0.23	1.86	mg/Kg
Q2828-01	POWDER	SOIL	Zinc	240		0.21	1.86	mg/Kg



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Viva Nova Inc	Date Collected:	08/11/25
Project:	Metal Testing	Date Received:	08/11/25
Client Sample ID:	POWDER	SDG No.:	Q2828
Lab Sample ID:	Q2828-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	99.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7750		1	0.78	4.66	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-36-0	Antimony	4.95	N	1	0.21	2.33	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-38-2	Arsenic	5.28	N	1	0.18	0.93	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-39-3	Barium	123		1	0.68	4.66	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-41-7	Beryllium	0.95	N	1	0.023	0.28	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-43-9	Cadmium	4.95		1	0.022	0.28	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-70-2	Calcium	8670		1	10.3	93.2	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-47-3	Chromium	60.9	N	1	0.044	0.47	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-48-4	Cobalt	40.3		1	0.093	1.40	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-50-8	Copper	76.1		1	0.21	0.93	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7439-89-6	Iron	12000	*	1	3.72	4.66	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7439-92-1	Lead	71.4		1	0.12	0.56	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7439-95-4	Magnesium	1200		1	11.2	93.2	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7439-96-5	Manganese	207		1	0.13	0.93	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7439-97-6	Mercury	0.0070	U	1	0.0070	0.013	mg/Kg	08/11/25 16:30	08/12/25 11:46	7471B	
7440-02-0	Nickel	143		1	0.12	1.86	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-09-7	Potassium	309	N	1	25.8	93.2	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7782-49-2	Selenium	0.51	JN	1	0.24	0.93	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-22-4	Silver	1.58	N	1	0.11	0.47	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-23-5	Sodium	872		1	16.6	93.2	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-28-0	Thallium	0.43	JN	1	0.21	1.86	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-62-2	Vanadium	31.8	N*	1	0.23	1.86	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050
7440-66-6	Zinc	240		1	0.21	1.86	mg/Kg	08/12/25 12:55	08/13/25 13:07	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Metals Group1			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q2828	OrderDate:	8/11/2025 2:59:46 PM
Client:	Viva Nova Inc	Project:	Metal Testing
Contact:	Sanjeev Goyal	Location:	D21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2828-01	POWDER	SOIL			08/11/25			08/11/25
			Mercury	7471B		08/11/25	08/12/25	
			Metals ICP-Group1	6010D		08/12/25	08/13/25	