REPORT NUMBER

23-096-4083

REPORT DATE Apr 06, 2023 RECEIVED DATE Mar 30, 2023 SEND TO **34261** A Midwest Laboratories 13611 B Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 www.midwestlabs.com



RAW ORGANIC WHEY RAW ORGANIC WHEY BOX 254 FAIRFIELD IA 52556

REPORT OF ANALYSIS

For: (34261) RAW ORGANIC WHEY Raw Organic Whey & Raw Grass Fed Whey Other (provide in comments or see FAQ)

		Level Found		Reporting		Analyst-	Verified-
Analysis		As Received	Units	Limit	Method	Date	Date
Sample ID: RW0323	Lab Number: 70265276						
Arsenic (total)		n.d.	ppm	0.10	USP <233>(ICP-MS)	jdg9-2023/04/06	trh1-2023/04/06
Cadmium (total)		n.d.	ppm	0.020	USP <233>(ICP-MS)	jdg9-2023/04/06	trh1-2023/04/06
Lead (total)		n.d.	ppm	0.10	USP <233>(ICP-MS)	jdg9-2023/04/06	trh1-2023/04/06
Mercury (total)		n.d.	ppm	0.01	USP <233>(ICP-MS)	jdg9-2023/04/06	trh1-2023/04/06

All results are reported on an AS RECEIVED basis., n.d. = not detected, ppm = parts per million, ppm = mg/kg

For questions please contact:

Kailev Parr

Account Manager kparr@midwestlabs.com (402)829-9863

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Detailed Method Description(s)

ME 081

Sample analysis is conducted by ICP-MS which follows an acid digestion/preparation of the sample which destroys and solublizes the sample. The ICP-MS analysis uses a plasma to induce energy into prepared samples so as to breakdown the compounds present and create a stream of elemental ions. The ions are then separated by a mass spectrometer in to their individual elements. The mass spectrometer measures the masses of the elements present and quantifies the levels present. These results are correlated to known levels of standards and calculated back to original concentration in the sample analyzed.

ME 080

Sample preparation for metals analysis referenced by <USP 233> follows MWL ME 080 which is a microwave assisted wet-ash digest or a "neat" dilution.