REPORT NUMBER
19-172-4041

REPORT DATE
Jun 21, 2019

SEND TO
2434

RECEIVED DATE
Jun 18, 2019

[redacted]

[redacted]

ISSUE DATE
Jun 21, 2019

REPORT OF ANALYSIS

For: (2434)
Somaderm [redacted]

Analysis	Level Found As Received	Units	Reporting Limit	Method	Analyst-Date	Verified-Date
Sample ID: **G11063** Lab Number: **8639941**						
Arsenic (total)	n.d.	ppm	0.10	USP <233>(ICP-MS)	trh1-2019/06/20	bab2-2019/06/21
Cadmium (total)	n.d.	ppm	0.020	USP <233>(ICP-MS)	trh1-2019/06/20	bab2-2019/06/21
Lead (total)	n.d.	ppm	0.10	USP <233>(ICP-MS)	trh1-2019/06/20	bab2-2019/06/21
Mercury (total)	n.d.	ppm	0.01	USP <233>(ICP-MS)	trh1-2019/06/20	bab2-2019/06/21

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

[redacted]

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Somaderm [redacted]

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 [redacted] ME 080 which is a microwave assisted wet-ash digest or a "neat" dilution.