



Attn.: Richard Lentz
First Fishery
9484 Chesapeake Drive
Suite 802
San Diego, CA 92123

EMSL Case No.: 781700397
Sample(s) Received: 3/22/17 & 4/3/17
Sample Prepped: 04/05/17
Sample Collection: 03/15/17
Count Time 4 hrs

Date of Analysis: 04/05/17
Analyzed By: Kishor Paudel

Phone: 858-278-5028 Fax 858-279-7040

Laboratory Gamma Spectroscopy result (Method: EPA 901.1 Modified)

Sample ID: Seagate Seaweed Powder Lot# 15

Nuclides	Activity (pCi/g)	Uncertainty 2σ (pCi/g)	MDA (pCi/g)
Cr-51	<MDA	N/A	0.172
Mn-54	<MDA	N/A	0.024
Fe-59	<MDA	N/A	0.087
Be-7	<MDA	N/A	0.188
Am-241	<MDA	N/A	0.120
Co-57	<MDA	N/A	0.010
Co-58	<MDA	N/A	0.021
Co-60	<MDA	N/A	0.029
Zn-65	<MDA	N/A	0.075
Zr-95	<MDA	N/A	0.045
Nb-95	<MDA	N/A	0.020
Ru-103	<MDA	N/A	0.025
Rh-106	<MDA	N/A	0.180
Ag-110M	<MDA	N/A	0.016
Sb-124	<MDA	N/A	0.023
Sb-125	<MDA	N/A	0.044
I-131	<MDA	N/A	0.091
Cs-134	<MDA	N/A	0.014
Cs-137	0.016	0.009	0.015
Ba-140	<MDA	N/A	0.239
La-140*	<MDA	N/A	0.009
Ce-141	<MDA	N/A	0.025
Ce-144	<MDA	N/A	0.082

- * Activity at the time of count.
- All analyses met quality control acceptance criteria unless otherwise specified
- Amended Report on 4/7/17. Initial report was sent on 4/6/17
- Spectrum reanalyzed on 4/7/17 per customer request

Approved by: Kishor Paudel
Laboratory Manager

Date: 04/07/17



EMSL Analytical, Inc.

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Phone: (856) 858-4800

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Descriptions & Definitions:

MDA = Is the minimum amount of detectable activity associated for a particular measurement.

<MDA = Refers to the fact that the amount of activity was lower than what the instrument could quantify for a particular measurement.

Important Terms, Conditions, and Limitations:

Sample Retention: Samples analyzed by EMSL will be retained for 60 days after analysis date. Storage beyond this period is available for a fee with written request prior to the initial 30 day period. Samples containing hazardous/toxic substances which require special handling may be returned to the client immediately. EMSL reserves the right to charge a sample disposal or return shipping fee.

Change Orders and Cancellation: All changes in the scope of work or turnaround time requested by the client after sample acceptance must be made in writing and confirmed in writing by EMSL. If requested changes result in a change in cost the client must accept payment responsibility. In the event work is cancelled by a client, EMSL will complete work in progress and invoice for work completed to the point of cancellation notice. EMSL is not responsible for holding times that are exceeded due to such changes.

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