



Baseline Health LLC dba Vera Salt
11740 San Vicente Blvd #109
Los Angeles, CA 90049



EMSL Case No.: 362500622
Sample(s) Received: 2/7/2025
Date of Reporting: 3/3/2025
Date Printed: 3/3/2025
Reported By: C. Helou

**- Laboratory Report -
Analysis of Microplastics**

Conclusions:

The data obtained during analysis indicates the following:

- No microplastics were detected in the sample submitted.

Procurement of Samples and Analytical Overview:

The sample submitted for analysis arrived at EMSL Analytical on 2/7/2025. The package arrived in satisfactory condition with no evidence of damage to the contents. The data reported herein has been obtained using the following equipment and methodologies.

Methods & Equipment: Simultaneous Transmitted Polarized Light Microscopy (PLM) and Darkfield Reflected Light Microscopy (RLM)
Fourier Transform Infrared Spectroscopy (FTIR) (for standards only)
ISO 24187: 2023 Principles for the Analysis of Microplastics Present in the Environment
Laboratory Methods for the Analysis of Microplastics in the Marine Environment:
Recommendations for quantifying synthetic particles in waters and sediments, NOAA Marine Debris Program
Standard Operating Procedures for Extraction and Measurement by Infrared Spectroscopy of Microplastic Particles in Drinking Water, California Water Boards

Analyzed by:

Christen Helou
Assistant Laboratory Manager

3 March 2025

Date

Reviewed/Approved by :

Eugenia Mirica, Ph.D.
Laboratory Director

3 March 2025

Date



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Background:

One sample was submitted for analysis. The purpose of the analysis was to determine the microplastics concentration.



Figure 1: Sample as received for analysis.

Sample ID	Description	Date/Time Sampled
#1	Vera Salt – Fine Salt	2/4/2025

Sample Preparation:

See Appendix 1 for sample preparation.



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Summary of Results:

Table 1: Summary of microplastics analysis.

Sample ID	Description	Microplastics
#1	Vera Salt – Fine Salt	No Microplastics Detected ^{C,D}
NIST Spike ^A	EMSL Lab	NIST traceable polystyrene spheres present within accepted control range
Laboratory Blank ^B	EMSL Lab Water	No Microplastics Detected

Comments: A) NIST traceable polystyrene microsphere control sample prepared by laboratory for QC purposes.
B) Laboratory prepared particle-free water used during NIST sample preparation, filter rinse and glassware cleaning.
C) Particles containing high levels of carbon black pigment, including rubber, may not be detected due to the propensity of carbon black to absorb the laser wavelengths.
D) This qualifier is based on the reporting size range and within the limit of detection of the method.

Sample Preparation:

See Appendix 1 for sample preparation.



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Results and Discussion:

Table 2: Microplastics results for sample #1.

EMSL ID:	362500622-0001		
Sample ID:	#1		
Description:	Vera Salt – Fine Salt		
Amount Analyzed:	137.9 (g)		
Preparation Parameters	Value	Units	Comments
Sub-sample (prepared):	137.9	(g)	A
Effective Filter Area:	1370	(mm ²)	
Field Area:	1370	(mm ²)	
No. Fields Analyzed:	1	(No.)	
Area Analyzed:	1370	(mm ²)	
Limit of Detection:	0.0007	(Particles/mm ²)	
Limit of Quantitation:	0.0073	(Particles/g)	F
Particle Size Range (µm)	Concentration (Particles/g)	Percent in Range	Comments
1 - 5	<LOQ	N/A	B
5 - 10	<LOQ	N/A	B
10 - 50	<LOQ	N/A	C
50 - 100	<LOQ	N/A	C
100 - 500	<LOQ	N/A	C
500 - 1000	<LOQ	N/A	C,D
1000 - 5000	<LOQ	N/A	D
>5000	<LOQ	N/A	D,E
Total Microplastics	None Detected	N/A	N/A
Count by Morphology	(%)		(%)
Spherical	ND	Sheet	ND
Non-uniform	ND	Fibrous	ND
		Shaving	ND

Comments: LOQ = Limit of Quantitation (see Appendix 2). Sample volume based on particle concentration.

- A) Parameters used in the preparation of the sample.
- B) Presumptive microplastic particles observed by microscopic analysis; complete identification by FTIR cannot be determined because the particle size is below the minimum detection area.
- C) Particles observed by microscopic analysis and identifiable by FTIR.
- D) Particles observed by sieve separation and stereo microscopic analysis and identifiable by FTIR.
- E) Particles larger than the generally accepted definition of microplastics and identifiable by FTIR.
- F) See appendix 2 for calculations.



EMSL Analytical, Inc.

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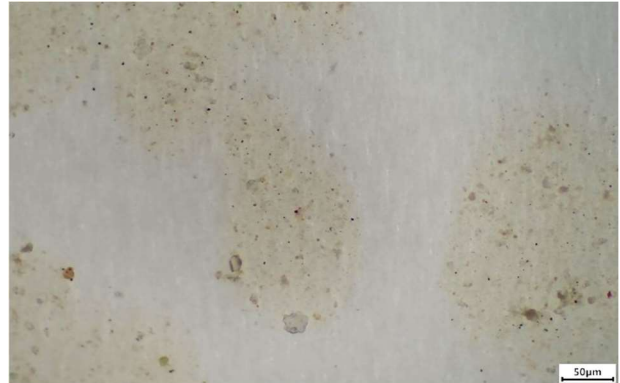
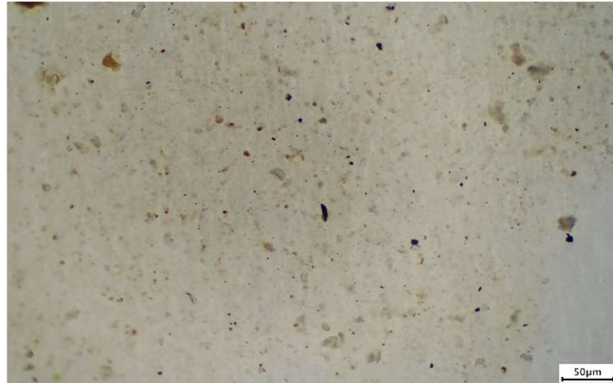


Figure 2: Microscopic images showing mineral grains and organic dust in sample #1 with no evidence of microplastics.



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Figure 3: Microscopic image of 100ml filtered laboratory prepared particle free water used for sample preparation, filter rinse and glassware cleaning. No microplastic particles are detected.

Analyte	Particle Free Laboratory Water
Target Concentration	0 microplastic particles/ml
Measured Concentration	0 microplastic particles/ml
Acceptance Criteria	0 microplastic particles/ml



Figure 4: Microscopic image showing NIST traceable polystyrene microsphere control sample prepared by laboratory for QC purposes.

Analyte	NIST p-styrene spheres (10µm nominal diameter)
Target Concentration	2000 particles/ml
Measured Concentration	1979 particles/ml
Percent Recovery (PR)	101.2%
Acceptance Criteria	±10% (PR) (90-110%)



Figure 5: Microscopic image showing NIST traceable polystyrene microsphere control sample prepared by laboratory for QC purposes.

Analyte	NIST p-styrene spheres (30µm nominal diameter)
Target Concentration	2000 particles/ml
Measured Concentration	2013 particles/ml
Percent Recovery (PR)	100.7%
Acceptance Criteria	±10% (PR) (90-110%)





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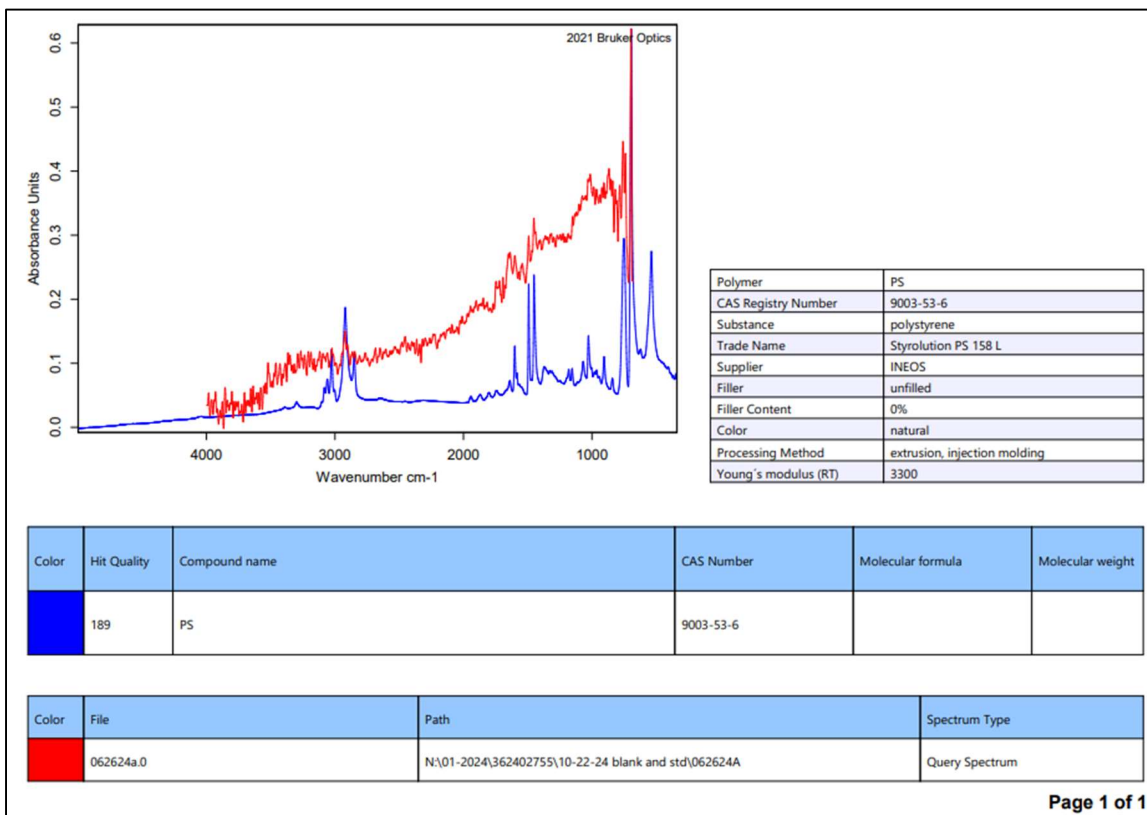
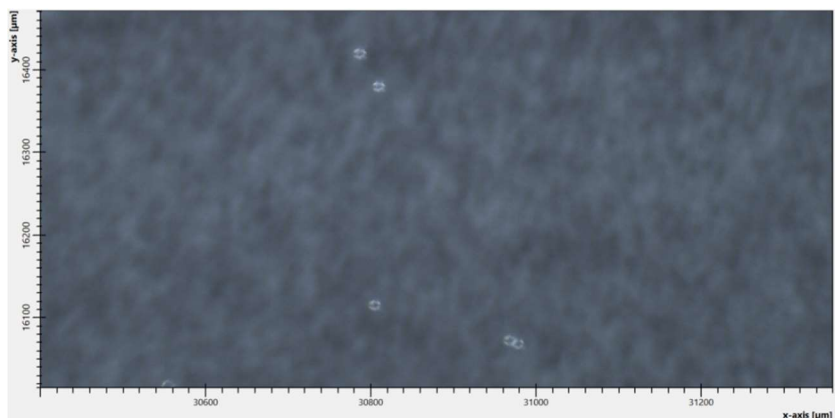


Figure 6: Microscopic images and associated FTIR spectra showing the NIST traceable polystyrene spheres (10µm nominal diameter) present in the NIST Spike sample.



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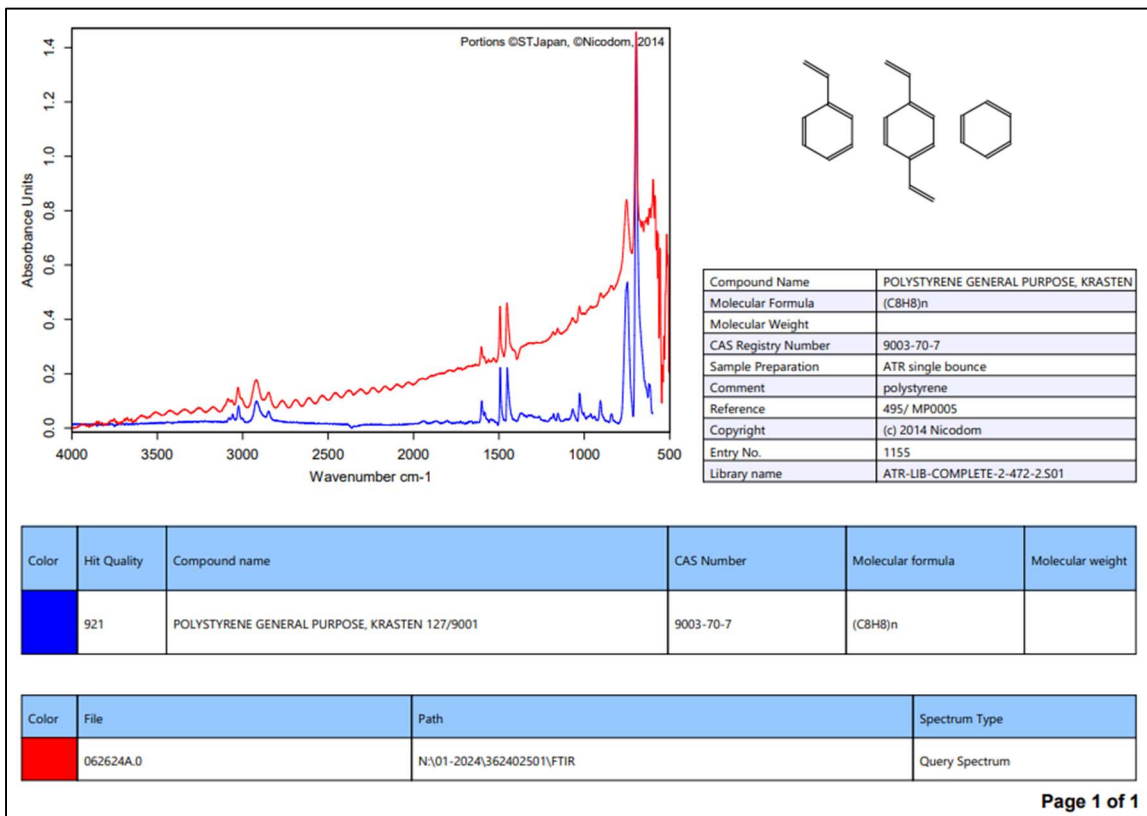
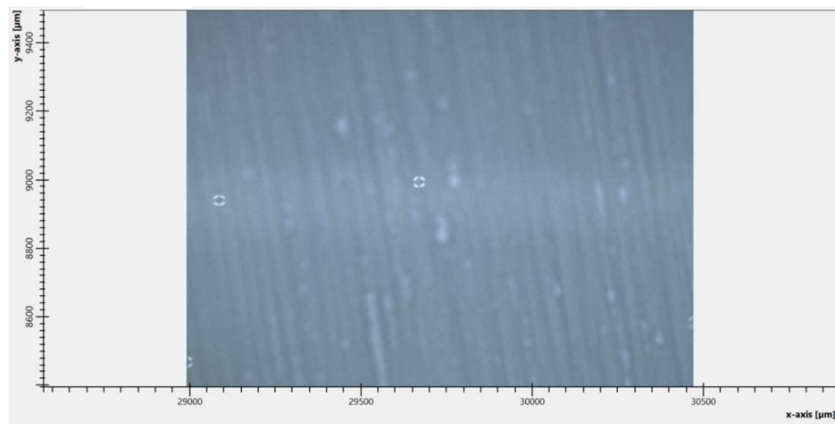


Figure 7: Microscopic images and associated FTIR spectra showing the NIST traceable polystyrene spheres (30µm nominal diameter) present in the NIST Spike sample.



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Appendix 1: Sample Preparation

A representative portion of salt sample was dissolved in warm particle-free water. The solution was filtered in order to collect the solid particles. The filter was then dried at ambient temperatures prior to analysis.

Appendix 2: Analysis Calculations

Limit of Detection (LOD): For microscopic analysis the limit of detection is considered to be a single (1) observed particle in the sample portion analyzed.

Limit of Quantitation (LOQ):
$$LOQ = \frac{\frac{LOD}{(FA \times F)} \times EFA}{SP}$$

- Where:
- LOD = Limit of Detection (1)
 - FA = Field Area (mm²)
 - F = Number of Fields Analyzed
 - EFA = Effective Filter Area (mm²)
 - SP = Sample Portion Prepared (gm or ml)
Dependent upon solid or liquid sample.



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Descriptions & Definitions:

Microplastics are generally defined as polymeric particles smaller than 5 mm in size in any one dimension, present in waste water, rivers, lakes and oceans. Due to the small size, they may not be easily removed during the waste water filtration processes and can enter the ecosystem, negatively impacting the environment. The common sources of microplastics are: additives in personal care products, synthetic fibers, resin pellets, tire recycling, medical products, abrasion and exfoliating beads used in furniture and insulation, fragments of larger plastic items as they degrade from the effects of ultraviolet rays and other weathering factors. Microplastics can potentially leach toxic chemicals, including endocrine disruption chemicals, such as bisphenol A and phthalates.

None Detected (ND) denotes the absence of analyte in the subsample analyzed. Trace levels of the analyte may be present in the sample below the limit of detection (LOD).

Limit of Detection (LOD): The minimum concentration that can be theoretically achieved for a given analytical procedure in the absence of matrix or sample processing effects. Particle analysis is limited to a single occurrence of an analyte particle in the sub-sample analyzed.

Limit of Quantitation (LOQ): The minimum concentration of an analyte that can be measured within specified limits of precision and accuracy during routine laboratory operating conditions

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.

Warranty: EMSL warrants to its clients that all services provided hereunder shall be performed in accordance with established and recognized analytical testing procedures, when available. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied. EMSL disclaims any other warranties, express or implied, including a warranty of fitness for particular purpose and warranty of merchantability.

Limits of Liability: In no event shall EMSL be liable for indirect, special, consequential, or incidental damages, including, but not limited to, damages for loss of profit or goodwill regardless of the negligence (either sole or concurrent) of EMSL and whether EMSL has been informed of the possibility of such damages, arising out of or in connection with EMSL's services thereunder or the delivery, use, reliance upon or interpretation of test results by client or any third party. We accept no legal responsibility for the purposes for which the client uses the test results. EMSL will not be held responsible for the improper selection of sampling devices even if we supply the device to the user. The user of the sampling device has the sole responsibility to select the proper sampler and sampling conditions to ensure that a valid sample is taken for analysis. Any resampling performed will be at the sole discretion of EMSL, the cost of which shall be limited to the reasonable value of the original sample delivery group (SDG) samples. In no event shall EMSL be liable to a client or any third party, whether based upon theories of tort, contract or any other legal or equitable theory, in excess of the amount paid to EMSL by client thereunder.

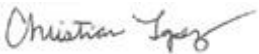
The data and other information contained in this report, as well as any accompanying documents, represent only the samples analyzed. They are reported upon the condition that they are not to be reproduced wholly or in part for advertising or other purposes without the written approval from the laboratory.

Sample Code:	AL-25/079008	Received at:	AGQ USA	Client (^):	BASELINE HEALTH LLC
Analysis Type:	US01-00008052-1	Analysis Center:	AGQ USA	Address(^):	1401 21st ST STE 8044 SACRAMENTO 95811
Sample Type:	SALT	Reception Date:	04/16/2025	Contract:	QMT-US250100192
Start Date:	04/17/2025	Finalized Date:	04/18/2025	Third party(^):	----
Description(^):	VERA SALT / SPRING SALT				

Sampling Date/Hour:	04/16/2025	Sampled By:	Client (^)
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The above Assay and Technical Reports related to the sample include all the information regarding the performed analysis.

As per AGQ Quality Assurance policies, samples are conserved under controlled conditions only for the required predetermined period of time before being discarded. For further information, please do not hesitate to contact us.



Christian Lopez

DATE ISSUED: 04/18/2025



Verification code

OBSERVATIONS (^):

Sample Code:	AL-25/079008	Sample Type:	SALT
Description(^):	VERA SALT / SPRING SALT	Finalized Date:	04/18/2025

ANALYTICAL RESULTS

Parameter	Result	Units	Uncert	ML
Heavy Metals				
Total Aluminum	1.36	mg/kg	-	
Total Arsenic	< 0.020	mg/kg	-	
Total Cadmium	< 0.020	mg/kg	-	
Total Copper	< 0.100	mg/kg	-	
Total Iron	3.30	mg/kg	-	
Total Lead	< 0.020	mg/kg	-	
Total Mercury	< 0.020	mg/kg	-	

Note: The results in this report reflect the state in which the sample was received by the laboratory. Total or partial reproduction of this report is prohibited without express written consent. The uncertainties are calculated and can be available upon request. AGQ is not responsible for the information provided by the client, associated with sampling and other descriptive data, marked with (^). A: Accredited subcontract, N: Non-accredited subcontract.

Sample Code:	AL-25/079008	Sample Type:	SALT
Description(^):	VERA SALT / SPRING SALT	Finalized Date:	04/18/2025

TECHNICAL ANNEX

Parameter	SOP	Technique	Legislation Ref.	LOQ
Heavy Metals				
Total Aluminum	PE-2118	ICP-MS		1.00 mg/kg
Total Arsenic	PE-2118	ICP-MS		0.020 mg/kg
Total Cadmium	PE-2118	ICP-MS		0.020 mg/kg
Total Copper	PE-2118	ICP-MS		0.100 mg/kg
Total Iron	PE-2118	ICP-MS		1.00 mg/kg
Total Lead	PE-2118	ICP-MS		0.020 mg/kg
Total Mercury	PE-2118	ICP-MS		0.020 mg/kg

(1) Results in parentheses are calculated based on a dilution or in some other way fall outside of the accredited analytical range.

Eurofins Microbiology Laboratories (Los Angeles)

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Baseline Health LLC dba Vera Salt

Client Code: QR0001086

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ANALYTICAL REPORT

AR-25-QR-028736-01

Received On: 03Sep2025

Reported On: 12Sep2025

Order Code: 006-10547-2113295

Eurofins Sample Code:	111-2025-09030092	Sample Registration Date:	03Sep2025	
Client Sample Code:	FS1	Condition Upon Receipt:	acceptable, 22.7°C	
Sample Description:	Vera Salt Fine Salt	Sample Reference:		
FS02G - Selenium	Reference AOAC 2011.19	Accreditation	Completed 12Sep2025	Sub 2
Parameter	Result			
Selenium	360 ppb			
FS07N - Boron	Reference AOAC 984.27 (mod), 985.01 (mod), 2011.14 (mod)	Accreditation	Completed 12Sep2025	Sub 2
Parameter	Result			
Boron	<35.4 ppm			
FS095 - Iodine by ICP Mass Spectrometry	Reference AOAC 2012.15	Accreditation	Completed 12Sep2025	Sub 2
Parameter	Result			
Iodine	<100 ppb			
FS0BP - Molybdenum	Reference AOAC 2011.19, 993.14 and 2015.01 (modified)	Accreditation	Completed 12Sep2025	Sub 2
Parameter	Result			
Molybdenum	<50.0 ppb			
FS0C2 - Lithium	Reference AOAC 2011.19, 993.14 and 2015.01 (modified)	Accreditation	Completed 12Sep2025	Sub 2
Parameter	Result			
Lithium	64.8 ppb			
FS0C3 - Manganese	Reference AOAC 2011.19, 993.14 and 2015.01 (modified)	Accreditation	Completed 12Sep2025	Sub 2

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ANALYTICAL REPORT

AR-25-QR-028736-01

Received On: 03Sep2025

Reported On: 12Sep2025

Order Code: 006-10547-2113295

Eurofins Sample Code: 111-2025-09030092	Sample Registration Date: 03Sep2025
Client Sample Code: FS1	Condition Upon Receipt: acceptable, 22.7°C
Sample Description: Vera Salt Fine Salt	Sample Reference:

FS0C3 - Manganese	Reference AOAC 2011.19, 993.14 and 2015.01 (modified)	Accreditation	Completed 12Sep2025	Sub 2
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Parameter Manganese	Result 178 ppb
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FS0C6 - Zinc	Reference AOAC 2011.19, 993.14 and 2015.01 (modified)	Accreditation	Completed 12Sep2025	Sub 2
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Parameter Zinc	Result <1,000 ppb
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FS123 - Silicon	Reference Perkin-Elmer, Analytical Methods for Atomic Absorp	Accreditation	Completed 12Sep2025	Sub 2
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Parameter Silicon (Si)	Result <0.0792 %
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QD115 - Magnesium by ICP	Reference AOAC 984.27 mod,927.02 mod,985.01 mod,965.17 mod	Accreditation	Completed 09Sep2025	Sub 1
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Parameter Magnesium	Result 0.037 %
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QD179 - Potassium by ICP	Reference AOAC 984.27 mod,927.02 mod,985.01 mod,965.17 mod	Accreditation	Completed 09Sep2025	Sub 1
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Parameter Potassium	Result 0.102 %
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QD198 - Sodium by ICP	Reference AOAC 984.27 mod,927.02 mod,985.01 mod,965.17 mod	Accreditation	Completed 09Sep2025	Sub 1
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Parameter Sodium	Result 40.9 %
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QD251 - Calcium by ICP	Reference AOAC 984.27 mod,927.02 mod,985.01 mod,965.17 mod	Accreditation	Completed 09Sep2025	Sub 1
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Parameter Calcium	Result 0.045 %
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Received On: 03Sep2025

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Order Code: 006-10547-2113295

Eurofins Sample Code:	111-2025-09030092	Sample Registration Date:	03Sep2025		
Client Sample Code:	FS1	Condition Upon Receipt:	acceptable, 22.7°C		
Sample Description:	Vera Salt Fine Salt	Sample Reference:			
QD251 - Calcium by ICP	Reference	Accreditation	Completed	Sub	
	AOAC 984.27 mod,927.02 mod,985.01 mod,965.17 mod		09Sep2025	1	

Subcontracting partners:

- 1 - Eurofins Nutrition Analysis Center, Iowa
- 2 - Eurofins Food Chemistry Testing US Madison, Wisconsin

Respectfully Submitted,



Viridiana Castro
Business Unit Manager

Results shown in this report relate solely to the item submitted for analysis. | Any opinions/interpretations expressed on this report are given independent of the laboratory's scope of accreditation. | All results are reported on an "As Received" basis unless otherwise stated. | Reports shall not be reproduced except in full without written permission of Eurofins Scientific, Inc. | All work done in accordance with Eurofins General Terms and Conditions of Sale: www.eurofinsus.com/terms_and_conditions.pdf | A number or a √ Indicates a subcontract test to a different lab. Lab(s) are listed at end of the report. For further details about the performing labs please contact your customer service contact at Eurofins. Measurement of uncertainty can be obtained upon