



## Analysis Report

May 25, 2021

**MORTON SALT INC**

444 W LAKE ST  
Chicago IL 60606

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ATTN: JUAN MORA

Client Sample ID:	Large Pile #1 Outside	Sample ID:	Salt
Date Sampled:	N/A	Sample ID By:	Morton Salt, Inc.
Date Received:	May 14, 2021	Sample Taken At:	Boston, MA
Product Description:	Misc Solid	Sample Taken By:	SGS Minerals (SOHO)

**SGS Minerals Sample ID: 491-2106857-001**

	<u>Method</u>	<u>As Received</u>
Moisture, Total %	ASTM E534	1.27

<u>Tests</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Total Chlorides as NaCl	98.01	%	ASTM D632
Bulk Density	77.44	lb/ft3	ASTM D291

### SIEVE ANALYSIS ASTM D632

<u>Passing</u>	<u>Retained on</u>	<u>% Weight</u>	<u>% Retained</u>	<u>% Passing</u>
-----	3/4" Sq	0.00	0.00	100.00
3/4" Sq	1/2" Sq	0.50	0.50	99.50
1/2" Sq	3/8" Sq	5.11	5.61	94.39
3/8" Sq	4 Mesh Sq	42.41	48.02	51.98
4 Mesh Sq	8 Mesh Sq	30.08	78.10	21.90
8 Mesh Sq	30 Mesh Sq	18.08	96.18	3.82
30 Mesh Sq	0	3.82	100.00	0.00

Vanessa Chambliss  
Branch Manager

SGS North America Inc. Minerals Services Division  
16130 Van Drunen Road South Holland IL 60473 t (708) 331-2900 f (708) 333-3060 www.sgs.com/minerals

Member of the SGS Group (Société Générale de Surveillance)

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## Analysis Report

May 25, 2021

**MORTON SALT INC**

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Chicago IL 60606

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ATTN: JUAN MORA

Client Sample ID:	Pile #2 In Tent	Sample ID:	Salt
Date Sampled:	N/A	Sample ID By:	Morton Salt, Inc.
Date Received:	May 14, 2021	Sample Taken At:	Boston Terminal, MA
Product Description:	Misc Solid	Sample Taken By:	SGS Minerals (SOHO)

**SGS Minerals Sample ID: 491-2106857-002**

	<u>Method</u>	<u>As Received</u>
Moisture, Total %	ASTM E534	2.07

<u>Tests</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>
Total Chlorides as NaCl	94.38	%	ASTM D632
Bulk Density	77.84	lb/ft3	ASTM D291

### SIEVE ANALYSIS ASTM D632

<u>Passing</u>	<u>Retained on</u>	<u>% Weight</u>	<u>% Retained</u>	<u>% Passing</u>
-----	3/4" Sq	0.00	0.00	100.00
3/4" Sq	1/2" Sq	0.27	0.27	99.73
1/2" Sq	3/8" Sq	4.60	4.87	95.13
3/8" Sq	4 Mesh Sq	26.92	31.79	68.21
4 Mesh Sq	8 Mesh Sq	26.32	58.11	41.89
8 Mesh Sq	30 Mesh Sq	35.07	93.18	6.82
30 Mesh Sq	0	6.82	100.00	0.00

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