

# CERTIFICATE OF ANALYSIS

ULTRA EPSOM® - PREMIUM EPSOM SALT - MEDIUM

**PASSED**

CERTIFICATE OF ANALYSIS | OFFICIAL SALTWORKS DOCUMENT | DATE OF APPROVAL: 01/02/2025

## DESCRIPTION



**DESCRIPTION:** Magnesium Sulfate Heptahydrate

**GRANULOMETRY:** Medium Grain 1.0 mm – 3.0 mm

**INGREDIENTS:** Magnesium Sulfate

**ADDITIVES:** Does not contain anti-caking agents, free-flowing agents, or conditioners.

**APPEARANCE:** Translucent to white granular crystals.

**COUNTRY OF ORIGIN:** China

**PROCESSED & PACKAGED:** Woodinville, WA

**SHELF LIFE:** Minimum 10 years from production date.



OPTICALLY CLEAN®



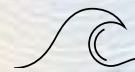
CERTIFIED AUTHENTIC



ORGANIC COMPLIANT



KOSHER



SEA SALT



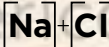
SQF CERTIFIED

## MICROBIOLOGY\*



MICROORGANISM	RESULT	TEST METHOD
Salmonella (per 25g)	Negative	AOAC 989.13
Listeria ssp (per 25g)	Negative	AOAC 997.03
Staph aureus (per 25g)	Negative	BAM, 8th ED CH 12
E. coli O157:H7 (per 25g)	Negative	BAM, 8th ED CH 4

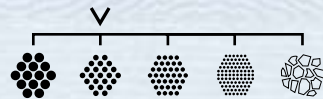
## CHEMICAL ANALYSIS\*



TEST	METHOD	SPECIFICATION	RESULT
Identification A (MgSO4)	USP 39/NF 34	Meets Requirements	Pass
Assay - Purity	USP 39/NF 34	99.0% - 100.5%	99.6%
Magnesium	ICP-AES	9.8%	9.84%
Sulfur	ICP-AES	12.9%	12.95%
Limit of Chloride	USP 39/NF 34	0.014%	< 0.014%
Limits of Iron	USP 39/NF 34	NMT 20 ppm	< 20 ppm
Selenium	USP 39/NF 34	NMT 30 ppm	< 30 ppm
Heavy Metals	USP 39/NF 34	NMT 10 ppm	< 10 ppm
pH	USP 39/NF 34	5.0 - 9.2	5.9
Loss on Ignition	USP 39/NF 34	40.0% - 52.0% wt loss	50.83%

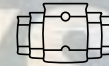
\*Chemical analysis and Microbiology for this salt is conducted annually. If a lot-specific analysis is needed, additional time and costs will be incurred. Specification values are based on Codex Standard 150:1985. Due to rounding, the total may not equal 100%. "NS" indicates no specification under Codex Standard 150:1985.

## GRANULOMETRY



GRAIN	LOW AVERAGE	HIGH AVERAGE
MEDIUM	1.0 mm	3.0 mm

## PACKAGING DATA



**Packaging Size:** 2 lb | 5 lb | 18 lb | 50 lb | 2,200 lb

**Packaging Type:** Poly Bag

**Pallet Size:** 48 x 40 x 48

**Pallet Type:** Hardwood Pallets-Domestic/Plastic pallets-International

## STORAGE CONDITIONS



To improve caking resistance, store in a dry, airtight environment with a humidity level below 75%. The temperature should be ambient.

## BASE SALT ORIGIN



**CHINA**



*Britta Pyle*  
QA Manager, Saltworks®, Inc.

01/02/2025

Date

NOTICE: All of the above statements, recommendations, suggestions and data are based on our laboratory results, and we believe the same to be reliable. Nevertheless, with the exception of data showing an express guaranty (such as in the case of products specifically designed for use as nutrient supplements), all such statements, recommendations, suggestions and data herein above presented are made without guaranty, warranty or responsibility or any kind on our part. All data above is property of SaltWorks® Inc. and may not be reproduced without expressed written consent.

Invoice Date	Invoice #	Lot Code	Customer	PO #
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