

# Ultra Epsom® - Premium Epsom Salt

CERTIFICATE OF ORIGIN · CERTIFICATE OF CHEMICAL ANALYSIS

**SALTWORKS**®

OFFICIAL SALTWORKS DOCUMENT · CERTIFICATE OF AUTHENTICITY

**DESCRIPTION:** Magnesium Heptahydrate

**INGREDIENTS:** Magnesium Sulfate

**ADDITIVES:** Does not contain any additives, including but not limited to: anti-caking agents, free flowing agents, or conditioners.

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

**COUNTRY OF ORIGIN:** China

**PROCESSED & PACKAGED:** Woodinville, WA

**APPLICATIONS:** This salt is intended for use in home and commercial personal care applications. Not for human consumption. This salt is recommended for external use only.

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

**QUALITY SYSTEMS:** SaltWorks® is SQF Level 2 Certified, conforms to HACCP and GMP standards, OU Kosher Pareve Certified and compliant to Codex Standards for Food Grade Salt.

**ALLERGENS:** SaltWorks is an allergen free facility. This salt does not contain any known allergens or specific components, and is suitable for the following diets: Vegetarian, Vegan, Lactose Free, & Gluten Free. Salt does not contain melamine.

**GMO DECLARATION:** This salt is not genetically modified nor does it contain genetically modified organisms (GMO) or their derivatives and genetic engineering is not applied during the production process.

**TARIFF:** 3307.30.10 (Bath Salt)



*Jarvis Scott*

1/3/2018

QA Manager, SaltWorks, Inc.

Valid Through 1/3/2019

## 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 0157:H7 (per 25g)	Negative	BAM, 8th ED CH 4

## CHEMICAL ANALYSIS\*

Test	Method	Specification	Result
Identification A (MgSO <sub>4</sub> )	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	5.90
Loss on Ignition	USP 39 / NF 34	40.0% - 52.0% wt loss	50.83 %

\*Chemical analysis and Microbial testing for this salt is performed once per year. If lot specific analysis is required, additional time and costs will apply.

## GRANULOMETRY

Grain	Low Average	High Average
Extra Fine	0.0 mm	0.6 mm
Fine	0.3 mm	1.0 mm
Medium	1.0 mm	3.0 mm
Coarse	3.0 mm	4.0 mm

## PACKAGING DATA

**Packaging Size:** 5 lb / 25 lb / 50 lb / 2,000 lb

**Packaging Type:** Poly Bag

*Bags incorporate polyethylene for added moisture protection.*

**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.

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 of 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 #