



## Shay and Company

Supplier of Wholesale Oils, Butters, Waxes, Candle Supplies and Essential Oils

### Magnesium Flakes

Lot# 25B216

Country of Origin: Zechstein Sea

Manufacture Date: 05/2025

Expiration Date: 05/2030

**Ingredient Name (INCI):** Magnesium Chloride Hexahydrate Flake

**CAS no:** 7791-18-6

**Composition:** 100% Magnesium Chloride

**Packaging:** Drums, Pails, Buckets

**Description:** Crystalline Flake

**Applications:** Skincare, Soap Manufacturing

**Method of Extraction:** Mined

**Plant Part Used:** n/a

**Ingredient Composition:** 100% Magnesium Chloride Hexahydrate

**Vegan:** Yes

**Gluten Free:** Yes

**Allergen:** None known

**Food Grade:** No

Physical Test	Specification	Test Method	Result
Appearance	White Crystalline Flake	Organoleptic	Complies
Aroma	Odorless	Organoleptic	Complies

#### Chemical Test

Magnesium	>100mg/g	ICP-MS	112 mg/g
Magnesium Chloride	>46.5%	ICP-OES	Complies*
Magnesium Sulfate	<.60%	IC	Complies*
Potassium Chloride	<0.80%	ICP-OES	Complies*
Sodium Chloride	<0.90%	ICP-OES	Complies*
Calcium Chloride	<0.10%	ICP-OES	Complies*
Iron	<15ppm	ICP-OES	Complies*
Arsenic	<0.02ppm	ICP-MS	Complies*
Cadmium	<1.0ppm	ICP-MS	Complies*
Lead	<0.01ppm	ICP-MS	Complies*
Mercury	<0.05ppm	ICP-MS	Complies*

\*Results obtained from skip-lot testing.

SHAY AND COMPANY  
10639 SE FULLER RD  
PORTLAND, OR 97222

WWW.SHAYANDCOMPANY.COM  
PH: 503-653-1155  
EMAIL: ORDERS@SHAYANDCOMPANY.COM



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Shelf life is guaranteed for five years from time of manufacture when stored in original, unopened container between 59° F to 86°F and protected from light. Shay and Company diligently sources and provides the highest quality ingredients, but it is the customer's responsibility to ensure the products purchase from Shay and Company meets their expectations. Any additional testing will be the responsibility of the customer.