



Shay and Company

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

Magnesium Flakes

Lot# 23B027

Country of Origin: Zechstein Sea

Manufacture Date: 04/2023

Expiration Date: 04/2028

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	108 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.

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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.