



Shay and Company

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

Magnesium Oil, Zechstein

Lot# 25A086

Country of Origin: Zechstein Sea for raw materials, refined in the US

Manufacture Date: 01/2025

Expiration Date: 01/2030

Ingredient Name (INCI): Magnesium Chloride Hexahydrate

Composition: Magnesium Chloride, Water

CAS no: 7791-18-6; 7732-18-5

Packaging: Drums, BPA-free pails, BPA-free jugs, amber glass bottles

Description: Clear, free-flowing oily liquid; little to no aroma

Applications: Skincare

Vegan: Yes

Gluten Free: Yes

Allergen: None known

Food Grade: No

Description	Specs	Test Method	Result
pH	4.0 - 6.0	Direct Measure	5.22
Specific Gravity	1.27-1.33 g/ml	Direct Measure	1.281 g/ml

Magnesium (Mg-elemental)	>100 mg/g	ICP-MS	103mg/ml
Magnesium Chloride (MgCl ₂)	30-32% w/w	ICP-OES	30%
Iron (Fe)	<1 ppm	ICP-OES	<1ppm
Arsenic (As)	<0.10 ppm	ICP-MS	0.049ppm
Cadmium (Cd)	< 0.05 ppm	ICP-MS	0.001 ppm
Lead (Pb)	< 0.05 ppm	ICP-MS	0.027 ppm
Mercury (Hg)	<0.01ppm	ICP-MS	0.001 ppm

Total Aerobic Plate Count	<10 CFU/g	USP 61	<010 CFU/G
Total Yeast/Mold Count	<10 CFU/g	USP 61	<10 CFU/G
E. Coli	Absent	USP 62	Absent
Staphylococcus Aureus	Absent	USP 62	Absent
Salmonella Spp	Absent	USP 62	Absent
Pseudomonas Aeruginosa	Absent	USP 62	Absent

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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.