

Natural Minerals Complex-55

Low Sodium, Full Spectrum of Essential Minerals

Specification Sheet

Product Overview

Natural Minerals Complex – 55 is an advanced mineral concentrate formulated to provide the complete spectrum of minerals essential for human health. Derived from our flagship Natural Mineral Complex 110, this versatile formulation is a cost-effective solution to enhance the nutritional profile and taste of foods and beverages. Sourced from the pristine Great Salt Lake in Utah, USA, this low-sodium, bioavailable mineral complex elevates the value of products across a range of applications.

Key Features

- **Comprehensive Mineral Profile:** Supplies a broad range of essential macro and micronutrients, including key electrolytes like magnesium, calcium, and potassium, as well as trace minerals.
- **Low Sodium Formula:** Designed for health-focused products, it provides mineral enrichment without added sodium.
- **High Bioavailability:** Specially processed to enhance absorption, ensuring that nutrients are effectively utilized by the body.
- **Versatile Application:** Suitable for use in various food and beverage products, providing both flavor enhancement and nutritional benefits.

Nutritional Information (Approx. Value)

Nutrients	Per 100 ML	Per 1 mL
Chloride	15450 mg	154.50 mg
Magnesium	5665 mg	54.65 mg
Sulphate	1158.75 mg	11.59 mg
Sodium	77.82 mg	0.78 mg
Potassium	15.96 mg	0.16 mg
Total Fat	0.00 g	0.00 g
Dietary Fiber	0.00 g	0.00 g
Carbohydrate	0.00 g	0.00 g
Added Sugar	0.00 g	0.00 g
Total Sugar	0.00 g	0.00 g
Protein	0.00 g	0.00 g
Energy	0.00 kcal	0.00 kcal
Saturated Fat	0.00 g	0.00 g
Trans Fat	0.00 g	0.00 g
Cholesterol	0.00 g	0.00 g

Natural Minerals Complex-55 is not a drug. No approved therapeutic claims.

Primary Application

Fortifying Food and Beverages:

- Boost your product's nutritional profile by incorporating Natural Minerals Complex – 55, enriching it with minerals directly from the Great Salt Lake.
- Adds a mild mineral taste that enhances flavor complexity, while meeting growing consumer demand for nutrient-enriched, health-focused products.
- Ideal for clean-label claims in beverages, snacks, dairy, and other fortified food products seeking a natural source of essential minerals.

Composition - Natural Minerals Complex – 55 is derived from desalinated inland seawater, capturing the full spectrum of naturally occurring minerals. This includes not only essential macro-minerals like calcium and potassium but also critical trace and ultra-trace minerals that contribute to optimal health and wellness.

Physical Properties

- **Form:** Liquid concentrate
- **Color:** Clear to slightly hazy
- **Taste:** Mild, natural mineral flavor that subtly enhances food and beverages
- **pH:** Naturally alkaline, contributing to a balanced pH in formulations
- **Solubility:** Fully soluble in water and easily blendable with a variety of food and beverage bases

Packaging Options

Available in bulk liquid packaging, Natural Minerals Complex – 55 offers flexibility to suit a wide range of production scales:

- 20-liter and 50-liter drums for mid-scale applications
- 1000-liter IBC totes for large-scale manufacturing
- Custom packaging available upon request

Sustainable Sourcing

Harvested sustainably from the Great Salt Lake, Natural Minerals Complex – 55 undergoes an eco-conscious desalination process to retain its mineral diversity while removing excess sodium. This sustainable production method reduces environmental impact, allowing companies to source essential minerals in a manner that aligns with their eco-friendly goals.

Advantages for Product Development

- **Nutrient-Rich Label Claims:** Strengthen your product's appeal with a clean-label, naturally sourced mineral ingredient that meets health-conscious consumer demands.
- **Flavor and Functional Enhancement:** The mild mineral profile complements the taste of many beverages and foods, allowing for flavor enhancement alongside mineral fortification.
- **Flexible Application:** Compatible with a wide range of food and beverage matrices, from fitness drinks to snack foods, dairy products, and more.
- **Eco-Friendly Sourcing:** Aligns with sustainable sourcing practices, contributing to a reduced carbon footprint compared to traditional mineral sources.

Usage and Dosage Recommendations

To maximize the nutritional benefits, Natural Minerals Complex – 55 can be added to food and beverage formulations in concentrations tailored to your product's specific needs:

- **Beverage Fortification:** Dosage varies depending on product type, desired mineral content, and regulatory standards.
- **Food Fortification:** Dosage varies depending on product type, desired mineral content, and regulatory standards.

Regulatory and Quality Compliance

- **FSSAI Approved:** Certified for safe use in food and beverages by the FSSAI.
- **Non-GMO:** Contains no genetically modified ingredients.
- **Allergen-Free:** Naturally free from common allergens, including gluten, dairy, and soy.
- **No Artificial Additives or Preservatives:** Free from artificial colors, flavors, and preservatives.

Summary

Natural Minerals Complex – 55 is a premium mineral concentrate crafted to elevate food and beverage products with a comprehensive array of essential minerals. Its low-sodium profile, high bioavailability, and compatibility with various formulations make it a valuable addition for brands seeking to enhance their product's nutritional and flavor profiles. Sustainably sourced and naturally derived, it aligns with the values of both health-conscious consumers and eco-conscious companies. Natural Minerals Complex – 55 as a versatile, clean-label solution for fortifying foods and beverages, focusing on its health benefits, eco-friendly sourcing, and flexibility for diverse product applications.



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