

# Manganese Chelate 20%

## TMNAR0220

### GENERAL PRODUCTION INFORMATION

#### Starting Materials

This product is a composition of manganese sulfate, and rice flour.

#### Shelf Life

3 Years from manufacture date

#### Packaging Information

25 kg double-lined, food-grade bags in corrugated cartons

**Storage** Ambient storage, protecting from extremes of temperature. Avoid direct exposure to moisture.

#### Lot Code Format

TYMMXX

T = Lot Number ; YY = 2 digit year; MM = 2 digit month; XX = Sequential batch number

### COMPANY INFORMATION

Manufactured by

Biotron Laboratories LLC, DBA Talus Mineral Co.,  
DBA Actylis

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### CERTIFICATIONS

**Organic:** This product is not Organic certified

**NSF/ANSI 173, Section 8** certified facility

**Kosher:** This product is Kosher certified

**Halal:** This product is not Halal certified

### NATURAL STATUS

US FDA and EU do not have a regulatory definition of "natural" that applies to regulated food additive products. Canada has labeling guidelines on "natural" foods (Canadian 2003 Guide to Food Labeling and Advertising – Chapter 4, Section 4.7). We leave to your own good judgment and your own legal counsel, the decision regarding the use of the term "natural" in your advertising or labeling for those products.

### HALAL SUITABILITY

- There is no alcohol used in the process of manufacturing.
- This material does not contain alcohol as one of its components.
- There are no animal products or by-products used as a raw material in manufacturing.
- There are no animal-based enzymes used in the manufacturing of the material.
- The equipment used is not used to manufacture other materials that may contain raw materials of porcine origin.

### FOOD GRADE/ODI/GRAS

This product is not listed in the FDA GRAS Substances Database but has been used for human supplementation in the United States market prior to 1994. We do not make claims of suitability for specific applications and leaves it to customers to determine safe dosages of this material for their end purposes.

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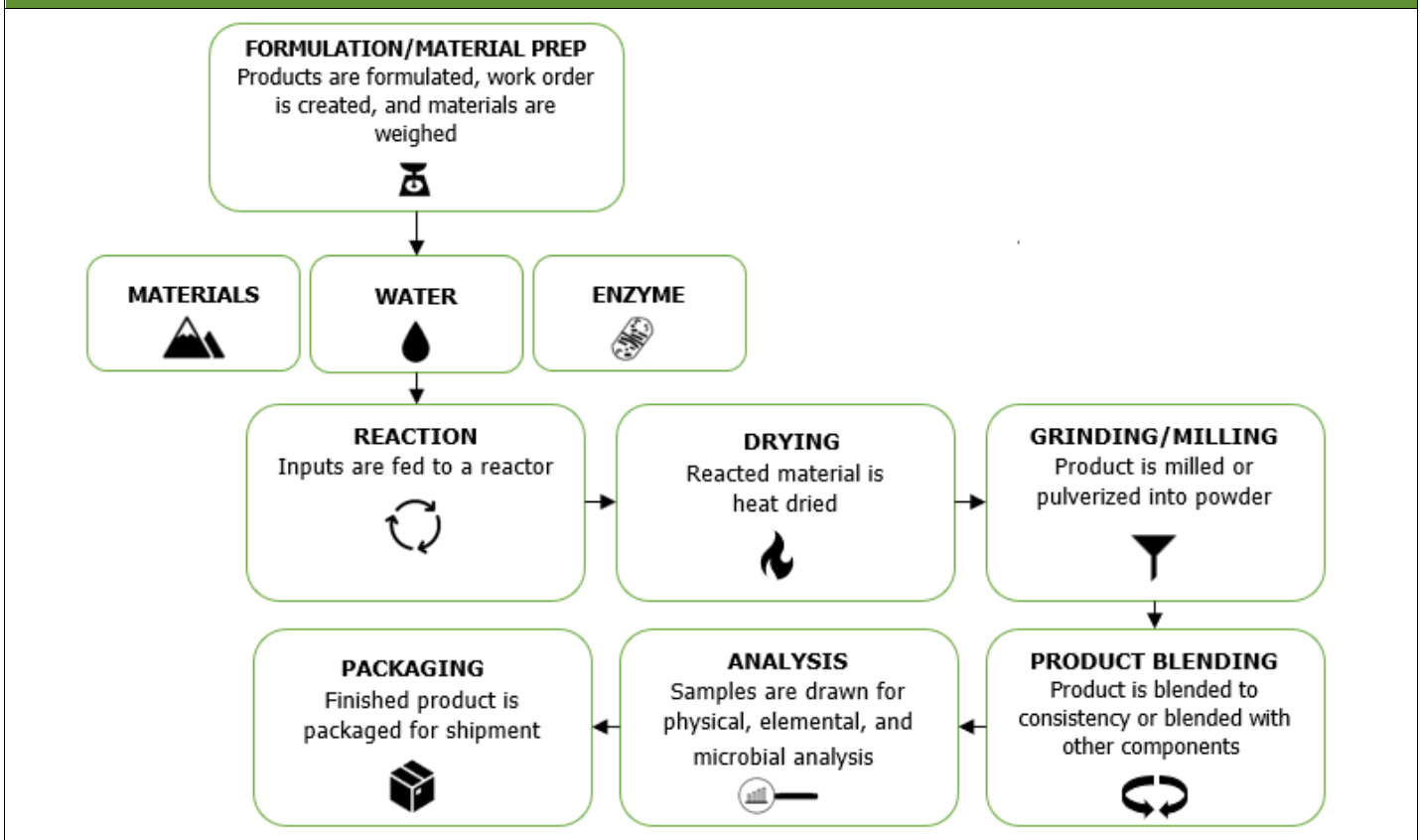
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### NUTRITIONAL

**The following information represents typical content per 100 grams.**

Calories	123.7 k/cal	Vitamin A	N/A	Vitamin D	N/A
Calories from Fat	N/A	Vitamin C	N/A	Vitamin E	N/A
Total Fat	N/A	Calcium	N/A	Vitamin K	N/A
Saturated Fat	N/A	Iron	N/A	Chloride	N/A
Trans Fat	N/A	Potassium	29.5 mg	Chromium	N/A
Cholesterol	N/A	Biotin	N/A	Copper	N/A
Sodium	N/A	Choline	N/A	Iodine	N/A
Total Carb	27.3 g	Folate	N/A	Magnesium	12 mg
Dietary Fiber	N/A	Niacin (B3)	N/A	Manganese	20 – 25.5%
Soluble Fiber	N/A	Pantothenic Acid	N/A	Molybdenum	N/A
Insoluble Fiber	N/A	Riboflavin (B2)	N/A	Phosphorus	37.1 mg
Total Sugars	N/A	Thiamin (B1)	N/A	Selenium	N/A
Added Sugars	N/A	Vitamin B6	N/A	Zinc	N/A
Protein	2.3 g	Vitamin B12	N/A		

### FLOW CHART



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ALLERGENS		
Component and Derivatives	Present in Product	Present in Facility
Artificial Colors and products thereof including Yellow 5 (Tartrazine)	No	Yes
Artificial Flavors and products thereof	No	Yes
Artificial Sweeteners and products thereof	No	Yes
Barley, Rye, Oats, Spelt, Kamut and products thereof	No	No
Bee Pollen / Bee Products and products thereof	No	No
Buckwheat and products thereof	No	No
Celery and products thereof	No	No
Cereals containing gluten, namely: wheat (such as spelt and Khorasan wheat), rye, barley, oats or their hybridized strains, and products thereof	No	No
Corn and products thereof	No	Yes
Dairy Products and products thereof	No	Yes
Eggs and products thereof	No	No
Fin Fish and products thereof	No	No
Fragrance and products thereof	No	No
Fruit and Fruit Derivatives and products thereof	No	Yes
Garlic and products thereof	No	No
Lactose and products thereof	No	No
Legumes and products thereof	No	No
Lupins and products thereof	No	No
Monosodium Glutamate and products thereof	No	No
Nuts, namely: almonds, hazelnuts, walnuts, cashews, pecan nuts, Brazil nuts, pistachio nuts, macadamia or Queensland nuts and products thereof	No	No
Onion and products thereof	No	No
Peanuts and products thereof (including peanut oil)	No	No
Seeds and products thereof (Poppy, Sunflower, Cottonseed, Mustard)	No	No
Sesame Seeds and products thereof	No	No
Shellfish, Crustaceans, and Mollusks and products thereof	No	No
Soybean Oil and Soybeans and products thereof	No	Yes
Sulphur dioxide and sulphites at concentrations of more than 10mg/kg or 10mg/L in terms of the total SO <sub>2</sub> which are calculated for products as proposed ready for consumption or as reconstituted according to the instructions of the manufacturers.	No	No
Wheat and products thereof	No	No
Yeast and products thereof	No	Yes
<b>Statement according to EC/1169/2011 relating to the Allergen and Intolerance Causing Ingredients from the product.</b>		

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### REGULATORY INFORMATION

STATEMENT	YES	NO
Product free from BSE/TSE according to EC/999/2001	✓	
Product in compliance with California Proposition 65	✓	
Product and manufacturing components free of ETO/Irradiation	✓	
Product free from gluten	✓	
Product free from genetically modified organisms (GMO) according to 1829/2003 and 1830/2003	✓	
Product free from bioengineered organisms	✓	
Product produced within a HACCP management system	✓	
Product in compliance with heavy metal regulations according to EC/2023/915	✓	
Product free from melamine	✓	
Product and manufacturing components are not exposed to pesticides or pesticide residue according to EC/396/2005	✓	
Product free from residual solvents – please see statement below	✓	
Product free from sewage sludge	✓	
Product in compliance with a vegetarian and vegan diet	✓	
Product in compliance with WADA	✓	

### RESIDUAL SOLVENTS STATEMENT

**For products intended for food use according to EU-regulation 2009/32/EC**

Ethanol, Ethyl Acetate, Acetone, Hexane, Ethyl Methyl Ketone, Methyl Acetate, Dichloromethane, Methanol, and Propan-2-ol are not used during the complete production process of this material. Please refer to the Flow Chart on Pg.2 to see if water is used in the production process of this material.

### ADDITIONAL STATEMENTS

The above statements are accurate to the best of our knowledge and are a representation of current practices at Actylis, as well as information provided by raw material vendors at the time this statement is issued. Actylis is not responsible for false or misleading information provided by these vendors. Notification will be given for any changes to the above information.



Quality

October 31, 2024