

PRIMARY PRODUCTS

INGREDIENTS AMERICAS LLC

Specification Sheet

30000001702

Fumaric Acid Fine Granular

2800020410423, 2800020424520, 2800020415021, 2800020412320,
28000204

Appearance: Crystalline

Color: White

Odor: None

Quality Inspection Plan (Official Specification Values)

Parameter	Target	Range/ Attribute	Unit	Method
ASSAY		99.50 - 100.50	%	Fumaric - TN20575
LEAD, FCC		<= 2.0	ppm	Lead by AA - TN20680
COLOR		<= 10.0		APHA Color - TN20600
HEAVY METALS		<= 10.00	ppm	Heavy Metals as Lead - TN20630
MALIC ACID		<= 1.00	%	Malic & Maleic - TN20695
MALEIC ACID		<= 0.10	%	MALEIC ACID - TN20696
WATER		<= 0.50	%	Moisture - TN20710
ORGANIC VOLATILE IMPURITIES		Pass		OVI - TN20730
THRU US#100 (150µm)		<= 10.00	%	Particle Size - Gradex TN20745G
ON US#30 (600µm)		<= 0.00	%	Particle Size - Gradex TN20745G
FLOWABILITY		Pass		Flowability - TN20870
RESIDUE ON IGNIT		<= 0.10	%	Sulfated Ash - TN20910
IDENTITY		Pass		Malic Identity - TN20635

Ingredient Statement

Fumaric Acid

Regulatory Status

Compliance Statement:

- Meets all specifications as defined in the Food Chemicals Codex.
- Complies with FAO JECFA Monograph.

21 CFR References: 21CFR172.350

Food Additives Number: E 297

Country of Manufacture

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Country of Manufacture: United States

Kosher Status

Certified Kosher: YES

Certified Kosher for Passover: YES

The above-mentioned product or its components is certified Kosher by:

- Orthodox Union (OU)

Halal Status

Certified Halal: YES

Vegetarian Status

Vegetarian: Suitable

Vegan: Suitable

Ovo-Vegetarian: Suitable

Lacto-Vegetarian: Suitable

Lacto-Ovo-Vegetarian: Suitable

Presence of Allergens

If present in this Primient product, allergens will be denoted as "Present" in the table below.

Allergen	Status
Crustacean Shellfish	Absent
Mollusk/Mollusc	Absent
Fish	Absent
Egg	Absent
Milk (including Lactose)	Absent
Peanut	Absent
Soybean	Absent
Wheat	Absent
Gluten containing grains: Wheat, rye, barley, oats, spelt, kamut, triticale, and products thereof	Absent
Sesame	Absent
Celery/Celery	Absent
Mustard	Absent
Lupin/Lupine	Absent
Tree Nuts	Absent
Buckwheat	Absent
Bee Pollen/Propolis	Absent
Royal Jelly	Absent
Pork	Absent
Peach	Absent
Tomato	Absent
Latex (Natural)	Absent
Sulfur Dioxide and Sulfite > 10 ppm (mg/kg)	Absent

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This allergen declaration complies with pertinent regulations in countries where this product is manufactured and sold. It pertains to the listed allergen and products thereof, as allowed by applicable local regulations. Consult with your company regulatory experts regarding allowed exceptions.

Additional allergen information:

This product does not contain any of the nine major allergens for which labelling is required as defined by the Food Allergen Labeling and Consumer Protection Act of 2004 (Public Law 108-282, Title II). The allergens are: Milk, Tree Nuts, Eggs, Peanuts, Fish, Wheat, Shellfish, Soybeans and Sesame.

GMO Statement

This material is considered not genetically modified/engineered.

This material is exempt from labelling as "genetically modified" according to the requirements of Regulations (EC) No. 1829/2003 and No. 1830/2003.

For additional information regarding the GM status of the above-mentioned product, please refer to the Product Information Sheet.

Storage Conditions

Container	Storage Temperature	Storage conditions to achieve maximum shelf life
Bag, Super Sack		Cool dry environment.

Shelf Life

Package	Shelf Life	Sulfur Dioxide and Sulfite Level
Bag, Super Sack	1,825 Days	

Organic Statement

Certified for Organic Labeling: No

For more information please consult the Product Information Sheet for Fumaric Acid Fine Granular

Nutritional Statement

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Nutritional Information	Nutrients Per 100 Grams
Calories	276 kcal
Total Fat	0 g
Saturated Fat	0 g
Trans Fat	0 g
Cholesterol	0 mg
Sodium	0 mg
Total Carbohydrate	0 g
Dietary Fiber	0 g
Total Sugars	0 g
Protein	0 g
Vitamin D	0 µg (0 IU)
Calcium	0 mg
Iron	0 mg
Potassium	0 mg
Moisture	0.4 g
Ash	0 g

United States Format

Organic acids are not nutrients, however, they provide a small amount of energy (calories) when metabolized by the human body. Energy estimations are based on heat of combustion data (bomb calorimetry).

Note: A value of 0 means this product is not a significant source of this nutrient.

Supplier Information

Name: Primary Products Ingredients Americas LLC
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