

Technical Data

Distributed by:
BARRINGTON
NUTRITIONALS
sales@BarringtonNutritionals.com
Tollfree: 800-684-2436

Regenasure™ Glucosamine Hydrochloride POWDER

Product Description

Regenasure™ glucosamine hydrochloride is a shellfish free, vegetarian glucosamine ingredient produced in the U.S.

Application / Functionality

Regenasure™ glucosamine hydrochloride can be easily incorporated into food, beverages and dietary supplements.

Chemical and Physical Data

Assay (%)	98.0 – 102.0
Loss on Drying (%)	Not more than 1.0
Identification	Passes USP test
Specific Rotation	+70.0° to +73.0°
pH (20 mg/mL)	3.0 – 5.0
Residue on Ignition (%)	Not more than 0.1
Sulfate (%)	Not more than 0.24
Arsenic (ppm)	Not more than 3
Heavy Metals as Pb (%)	0.001 max
Residual Solvents	Passes USP <467>
Granulation	
On U.S. #80 Sieve (%)	1 max

Microbiological Data

Total Plate Count (cfu/g)	< 1000
Yeast and Mold (cfu/g)	1000 max

Nutritional Information

Calories	355*	kcal/100g
Calories from Fat	0	kcal/100g
Total Fat	0	g/100g
Saturated Fat	0	g/100g
Trans Fat	0	g/100g
Cholesterol	0	mg/100g
Sodium	0	mg/100g
Potassium	0	mg/100g
Total Carbohydrates	99.50	g/100g
Dietary Fiber	0.3	g/100g
Sugars	0	g/100g
Protein	0	g/100g
Calcium	1.1	mg/100g
Iron	0.4	mg/100g
Moisture	0.5	g/100g

*As measured by Bomb Calorimetry

This product is not a significant source of Vitamin A, Vitamin C, Thiamine, Niacin, or Riboflavin.

Nutritional values are typical and not analyzed every lot. These values are from a combination of calculations and analytical data.

Allergen Status

In accordance with the 2004 USA Food Allergen Labeling and Consumer Protection Act (FALCPA), no allergen declarations are required for this product.

This information reflects US requirements for ingredients and allergens declaration. For countries other than US, please consult with local Cargill regulatory group.

Storage / Shelf-life

Regenasure™ glucosamine hydrochloride should be stored under conditions of low temperature and low humidity in airtight containers and has an expiration date of 3 years from the date of manufacture.

Packaging: 25 kg (55 lb.) bag in a box
450 kg (992 lb.) bulk bag

Applicable Certifications

Certified Kosher Pareve and Kosher for Passover by Orthodox Union (OU).

Certified Halal by Islamic Food and Nutrition Council of America (IFANCA).

Regulatory Status

Regenasure™ glucosamine hydrochloride is self-affirmed Generally Recognized as Safe (GRAS).

Regenasure™ glucosamine hydrochloride is produced in accordance with current food Good Manufacturing Practices (GMPs) under a comprehensive Hazard Analysis and Critical Control Points (HACCP) program.

Regenasure™ glucosamine hydrochloride, complies with the United States Pharmacopeia (USP 37/NF 32) monograph for Glucosamine Hydrochloride.

EINECS: 200-638-1

Ingredient: Glucosamine Hydrochloride

Additional Information

Material Numbers:

1000105525 25 kg bag in a box
1000105515 450 kg bulk bag

SAP Material Name:

RGNSUR GLCSMN HCL PWDR

Country of Origin: USA

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Claims: The labeling, substantiation and decision making of all claims for your products is your responsibility. We recommend you consult regulatory and legal advisors familiar with all applicable laws, rules and regulations prior to making labeling and claims decisions.

Contact

Cargill, Incorporated
Corn Milling North America
15407 McGinty Road West
Wayzata, MN 55391

Toll Free: 1.800.932.0544

CustomerService@cargill.com
www.CargillFoods.com

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