

## Regenasure® Glucosamine S Powder

### Product Information

Cargill Regenasure® Glucosamine S is manufactured from a common, naturally occurring source. Cargill Regenasure® Glucosamine S is non-shellfish, non-animal derived, is produced in accordance with current food Good Manufacturing Practices (GMPs) under a comprehensive Hazard Analysis and Critical Control Points (HACCP) program.

Cargill Regenasure® Glucosamine S is manufactured to meet the monograph specifications of the United States Pharmacopoeia-National Formulary (USP-NF) for Glucosamine Sulfate Potassium Chloride and is certified kosher pareve and Kosher for Passover.

#### Glucosamine S

Molecular Formula  $C_{12}H_{28}N_2O_{14}SK_2Cl_2$   
Molecular Weight 605.52

#### Microbiological Analysis

Total Plate Count <1000 cfu/g

#### Granulation

On US #80 Sieve 1% maximum

### Product Specifications

Assay	98.0% to 102.0%
Loss on Drying	Not more than 1.0%
Identification	Passes USP test
Specific Rotation	+47.0° to +53.0°
pH	3.0 to 5.0 (20 mg/mL)
Residue on Ignition	26.5% to 31.0%
Sulfate	15.5% to 16.5%
Arsenic	Not more than 3 ug per g
Heavy Metals (as Pb)	0.001% maximum

### Packaging

Bag in a Box	25 Kg (55 lbs)
Bulk Bag	680 Kg (1500 lbs)

### Shelf life and Storage

Cargill Regenasure® Glucosamine S 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.



contact

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