

■ Glucosamine Hydrochloride

Introduction

Product Characteristics: glucosamine hydrochloride is extracted from natural chitin, is a kind of marine biological agents, is the main component of chondroitin sulfate. The glucosamine is well known for the important structural roles that it plays at the cell surface. It is a key component of bacterial cell wall peptidoglycan, fungal cell wall chitin, and the extracellular matrix of animal cells.

Function and Application: It can promote the synthesis of human mucopolysaccharide, increase the viscosity of synovial fluid, improve the metabolism of articular cartilage, facilitate the repair of articular cartilage, and has obvious anti-inflammatory and analgesic effects. It has the function of promoting the efficacy of antibiotic injection. It can be used as a nutritional supplement for diabetic patients instead of cortisol in the treatment of enteritis. It has certain curative effect in the treatment of rheumatoid arthritis, hepatitis B and so on. Another new water-soluble anticancer drug, clomithromycin, has the anticancer activity of nitroso urea compounds, and it also has the characteristics of inhibiting bone marrow toxicity. It has a certain effect on melanoma, lung cancer and kidney cancer. In addition, it can also be used in cosmetics, feed additives and food additives. Therefore, glucosamine hydrochloride is popular in the international market.

Ingredient

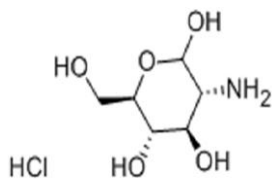
Product Name Glucosamine Hydrochloride

CAS 66-84-2

MF C₆H₁₄ClNO₅

MW 215.63

MS



Item and Standard

ITEMS	UNIT	STANDARD
Assay(drying basis)	%	99.0%---102.0%
Identification		A:Infraed Absorption 197K B:It meets the requirements of the tests for Chloride 191.
Solution		Soluble in water, slightly soluble in



Clarity		alcohol
Specific Rotation		No obvious turbidity
Smell		70.0°--- 73.0°
PH		Tasteless odorless
Loss on Drying	%	3.0--5.0
Residue on Ignition	%	≤0.5%
Sulfate	%	≤0.1%
Chloride	%	≤0.24%
Particle Size	%	16.2-16.7%
Bulk Density		100% thru 40 mesh
Organic volatile impurities		≥0.5 g/ml
Heavy Metals	%	Meets requirements
Lead		≤0.001%
Cadmium		≤3ppm
Mercury		≤1ppm
Arsenic		≤0.1ppm
Total Plate Count		≤3ppm
Yeast & Mold		≤500cfu/gm
Yeast Mold		≤50cfu/gm
Staphylococcus aureus		≤100cfu/gm
E. Coli		0/25g
Salmonella		Negative
		Negative

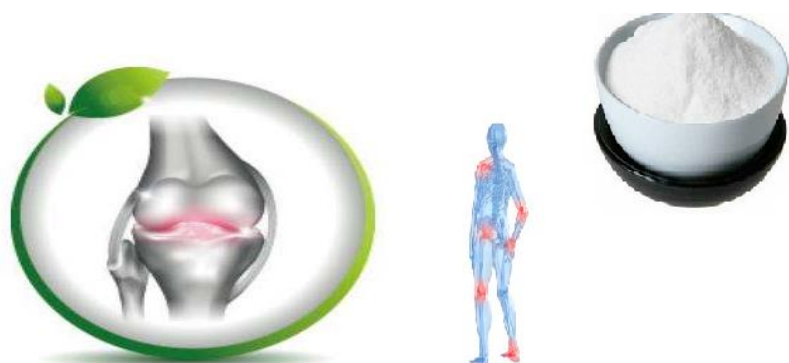
Application

Glucosamine Hydrochloride as a kind of raw material medicine, is abstracted from natural chitin, and it can be used to produce some medicine curling rheumatism arthritis, ulcer, gut disease, having effect. Health product: lower cholesterin, blood pressure. Foodstuff: used as a food ingredients and additives.

- 1) Rehabilitate the attrited arthrosis cartilage, is a key structural component in cartilage and acts as a lubricant.
- 2) Reduce pain of bone and joint disease or Kashin-Beck disease and knee pain
- 3) Enhance the immunity.
- 4) Improve osteoporosis.
- 5) Cure neuralgia, arthralgia and process the concrecence of wounds.



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Packaging

25KG

Storage

Please reading safety data sheet before carrying or using the product.
Cool and dry, keep tightly closed, quality guarantee period is two years.