

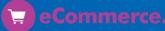
Total solutions & services

for the ASIAN FOOD SUPPLY CHAIN













Inulin

















Global Inulin Market doo



According to Grand View Research Inc. (2015), the global inulin market is expected to reach a value of USD 2.35 billion by 2020. Increasing awareness towards low calorie foods and sugar reduction on account of rising diabetes prevalence is expected to play a crucial role in driving inulin market growth.



Nutritional Benefits



Plant-based natural origin

100 % vegetable source extracted from chicory root.



Fiber enrichment

A dietary fiber that helps to improve bowel movement regularity as well as promote healthy digestive tract and immunity.

Healthy digestive system: The prebiotic plus

Improve the balance of the intestinal flora by stimulating beneficial bifidobacteria growth.

Support weight management

Promote satiety by maintaining a feeling of fullness for longer periods after eating as well as enhancing control of appetite and weight.

Technical Benefits



- Easiness of incorporation in mixes
- Good dough processability
- Excellent finished products rolls: a very soft texture, higher volume, a good development and a good taste
- Shelf life is improved: Bakery end products stay fresh for longer period



Vitamins













Food fortification/ Enrichment do

 Food fortification/ Enrichment is the process of adding micronutrients to foods to improve the nutritional quality of that food whether the nutrients were originally present in the food or not (Wimalawansa, 2013).

Nutritional Benefits



Thiamine (Vitamin B1)

- Normal carbohydrate and energy-yielding metabolism
- Support and maintain nervous system functions.
- Strengthen the immune system and improve the body's ability to withstand stressful conditions.

Riboflavin (Vitamin B2)

• Crucial for breaking down food components, absorbing other nutrients, and maintaining tissues.

Niacin (Vitamin B3)

- Convert food into glucose, used to produce energy.
- Support and maintain nervous system functions.
- Helps in facilitating the cells repairmen and stress responses such as tiredness and fatigue.

Nutritional Benefits



Folic Acid (Vitamin B9)

 Key factor in the synthesis of nucleic acid - one of a large family of molecules that include DNA and RNA.

Chia Seeds and Powder













PROTEIN

Did You Know?

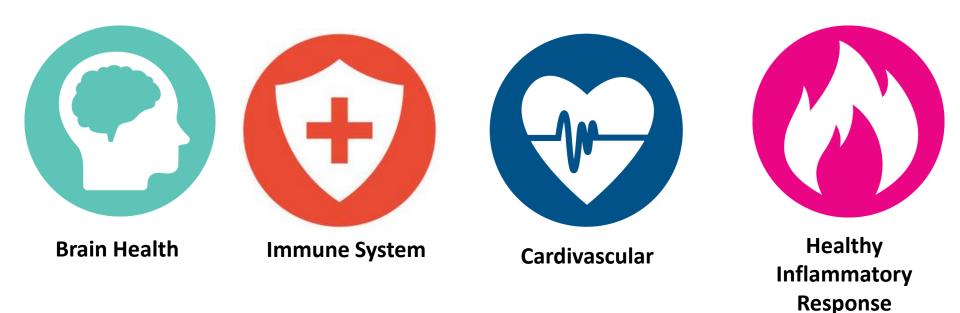


- Chia seeds contain:-
 - √ 8 times more omega-3 than salmon
 - √ 7 times more vitamin C than oranges
 - √ 5 times more calcium than milk
 - ✓ 3 times more iron than spinach
 - ✓ Twice the potassium content of banana
- According to USDA (2016), the dietary fiber content in chia seeds are higher than flax seeds and quinoa seeds.

Source: Batsakis, 2014.

Nutritional Benefits of Chia

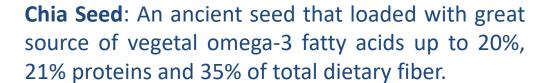




Chia Varieties









Xia Powder - 125: A high protein chia extract in a micro-milled format consists of approximately 40% protein with essential amino acids, 35% of total dietary fiber and 6% omega-3 fatty acids.



Xia Powder - 435: A multifunctional fiber concentrate extracted from chia seed contains up to 56% of total dietary fiber, 25% protein with essential amino acids and 4% omega-3 fatty acids.





Market Examples

ANCIENT GRAIN Millet-Chia

Digestive Wellness 2.0









Udi's gluten free Millet-Chia Bread

Contains chia seeds, inulin and wholesome balance of nutrients, vitamins and deliciously earthy flavors.

WONDER+ White Bread with Fibre

A nutritious source of fibre which rich with vitamins and minerals

Sandwich Thins

Contains Flaxseed enriched with Niacin, Thiamin Mononitrate (Vitamin B1), Riboflavin (Vitamin B2), Folic Acid









Quaker Muffin

Made with real fruits and nuts; Contains good source of fiber



The Polish Bakery Dark **Rye With Inulin**

Sourdough bread offers a unique source of valuable micro and macro elements.

Arnold Double Fiber Contains Inulin



Pepperidge Farm Pumpkin Spice Swirl Bread



Nairn's Super Seeded
Organic Oatcakes

Contains flax, sunflower and chia seeds



Gemaro Bakery Multi-Seeds Bagels

Plant-based





Arnold Flax and Sesame Seed Bread

Enriched with thiamin mononitrate (vitamin b1), riboflavin (vitamin b2), folic acid.



COO

Gemaro Bakery Multi Seeds Crackers

Contains organic flax, organic golden flax, poppy Seeds, organic sunflower seeds, pumpkin seeds and psyllium fiber.

The Village Bakery Organic Rye With Seeds

Russian inspired rye bread made with a delicious blend of linseeds, poppy seeds, pumpkin seeds and millet seed.

Sportification





The Protein Bakery Brownie & Cookies

Perfect for the physically active!
Higher in dietary fiber, high-grade whey protein



Enriched with six essential vitamins and minerals--zero grams of trans fat





Sunshine enriched white bread

Contains Vitamin B3, D, B9, B1 & A). High in energy & protein and naturally cholesterol free.



Tip Top Hamburger Rolls

Topped with sesame Seeds and fortified with Vitamins (Thiamin, Folate)

Stonemill Stone of inducts from an analysis FLAX SCALA SOURCE STONE Supergrains

Stonemill Bakehouse Organic Supergrains Flax & Chia Bread



SUNSHINE
Premium Extra Grain
Wholemeal Sliced
Loaf Bread

Fragmentation & Premiumisation







Britannia White Vitamin Enriched Bread

Lieken Urkorn Fit & Vital Vitamin Bread

Sliced mixed wheat bread with 25% carrots and 8% sunflower seeds. Rich in dietary fibers, it is also a good source of vitamin E and A.



Harvest Gold's Vitamin Power White Bread

Enriched with Vitamin B helps tonurture good health and keeps energetic and active all day long.



Arnold's extra grainy bread

Richly textured, super premium bread. Contains 17 Grains & Seeds, Cracked Wheat & Oats, and Flax & Sesame Seeds.

Inflammation





Burgen Gluten Free Bread Chia & Sunflower

Sunflower Seeds (7%), Chia Seeds (2%), Linseed Canola Oil-higher in anti-inflammatory omega-3s than most vegetable oils.



POWERSEE



B&M Raisin Brown Bread

Ready to serve, no cholesterol, 99% fat-free, embedded with sweet raisins (anti inflammatory & anti oxidant properties)





Contains Sprouted flax seeds – and flax is a super inflammation fighter

Powerseed mix (organic whole flax seeds, organic ground whole flax seeds, organic rolled oats, organic sunflower seeds, organic pumpkin seeds, organic un-hulled brown sesame seeds, organic un-hulled black sesame seeds)



The Protein Bread Co: Protein Bread Australia's lowest-carb bread



Warbuton's Wholemeal High Protein Loaf

Protein





P28 High Protein Bread, 100% Whole Wheat

Contains omega 3's, and is a rich source of 8 essential amino acids.



The Protein Bread Co: Protein Pizza Base

Definitely High in Protein! (50g of Complete Protein per base), low carb (5g) & Gluten Free



The Protein Bread Co: Protein Pancakes

High in Protein and 75% less sugars and carb
3 pancakes =22g of Protein

Special Flatbread Beachest Services Beachest Serv

Kellogg's Special

K Breakfast Sandwiches

Good source of Protein and

Fiber



Big Banana Bread Co.
Slice

Contains 40% real bananas and Rapeseed oil (Omega-3)

Snackification



Little Bites Baked MuffinGood source of Calcium and Vitamin D



Pillsbury Gluten Free Muffins
Ready to eat





Sir Charles's Handcrafted chocolate coated puff



Genius Triple Seeded Soft Rolls



Up with Fat, Down with Sugar



Healthy Life Hearty Style Whole Wheat Bread

Excellent source of omega-3 ALA



Gardenia Hi-Fibre White Bread

High in fiber, enriched in omega (rapeseed oil, Vegetable oil-palm), inulin, thiamine, riboflavin, niacin, iron and calcium propionate.



Reduced Carb/Flax, Oat Bran & Whole Wheat Pita Bread

Healthy, reduced carb, high protein pita bread containing Flax, an excellent source of Omega-3



Country Harvest Bread Marine-based omega-3 ALA



Bezgluten Product: Gluten free, sugar free bread

ugar free bread

Low in sweetness, high in dietary fibres, contains inulin, vitamins and minerals such as Zinc, Calcium, viitamin B1 and B6. linseed.

Gemaro Bakery Omega 3 Power Seed

Made with Sunflower Seed Oil (rich in Omega 3) and topped with nutritious and flavorful seeds.

Good Carbs, Bad Carbs



Dimpflmeier's Carb Smart Bread

Great for Keto & Low Carb Diets. Contains Brown Flax Seeds, Sunflower Seeds, Yellow Flax Seeds and Inulin.



Bakery Julian Bakery Resultion Pack Result

Julian's Smart Carb Bread

Fresh Ground Whole Grain (Wheat, sprouts of Kamut, Spelt, Rye, Lentils, Sesame Seeds, Millet, Quinoa, Amaranth, Ground Flaxseed, Chicory Root (Inulin)



Great Low Carb Bread Co. - Multigrain Bagels Only 2 net carbs per bagel!



HealthWise Bakery FlavorRich Zero Net Carb Bagels

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