



VINATOKEN

# PRODUCT PORTFOLIO

# VINATOKEN



VINATOKEN

## VINATOKEN TECHNOLOGY AND TRADING CO., LTD

157 Nguyen Thi Thap Street, Tan Phu Ward, District 7, Ho Chi Minh City  
(+84 - 28) 5449 6357 -58 - 59 - [www.vinatoken.com.vn](http://www.vinatoken.com.vn)  
[info@vinatoken.com.vn](mailto:info@vinatoken.com.vn)

### Branch Office

No 57 Street 43, Tan Phong Ward, District 7, Ho Chi Minh City  
(+84 - 28) 5449 6357 -58 - 59 - [www.vinatoken.com.vn](http://www.vinatoken.com.vn)

[facebook.com/vinatokenVN](https://www.facebook.com/vinatokenVN) [linkedin.com/company/82617671](https://www.linkedin.com/company/82617671)







VINATOKEN

**BRIDGE LEADS TO SUCCESS**



# TABLE OF CONTENTS

## ABOUT US

Vision / Mission	4
The story of success	5
Core values	6

## NON-WOVEN FABRICS TECHNOLOGY

Spunlace	7
New Technology - Airlaid	8
New Technology - Wetlaid	8
Polypropylene (PP)	9
Spunbond Meltblown Spunbond (SMS)	10
Ethylene-Propylene Side By Side (ES)	10
Melt Blown	11
Activated Carbon	11
Microporous	13
Air Through bonding	13
Chemical Bonded	14
Needle punched	14

## AUXILIARY MATERIALS

Zinc nose bars	15
Plastic nose bars	15
Ear loop elastics flat	16
Ear loop elastics round	16

## SWEETENER S

Acesufame – K (E950)	18
Aspartame (E951)	19
Neotame (E961)	21

# ABOUT US



## VISION

*"Become the biggest supplier of non-woven in Vietnam, extending in Asia and over the world".*

Thanks to our desirable and creative mindset, day by day we offer high quality products based on strategical development of sustainability in order to be the first position in the non-woven market in Vietnam and outreach global expansion.

Orientate to become sustainable enterprise with corporate social responsibility, Vinatoken supplies non-woven materials for consumer goods, personal protective equipment and food industry, which is eco and environmentally friendly.

## MISSION

*"Deliver true optimal value and sustainable development for community".*

Customers: Deliver greatest benefit to customers via the preeminent products.

Suppliers: Deliver true profits to suppliers based on our reputation, sustainability and transparency.

Vinatoken Staff: Build up a strong corporate culture and offer sustainable work.



Export to many countries



Over 17 years of experience



Over 120 products



Over 150 skillful labours

## VINATOKEN TECHNOLOGY AND TRADING CO., LTD

157 Nguyen Thi Thap Street, Tan Phu Ward, District 7, Ho Chi Minh City  
Branch Office  
No 57 Street 43, Tan Phong Ward, District 7, Ho Chi Minh City

(+84 - 28) 5449 6357 - 58 - 59  
www.vinatoken.com.vn

## THE STORY OF SUCCESS

- 2005** Establishment and become a pioneer supplier of non-woven in Vietnam, focusing on providing raw non-woven material for multifunctional applications in local market as well as exporting to neighbor countries.
- 2008** Understand of the customers insight and market penetration, Vinatoken started to research and select reliable suppliers in order to expand the market share in providing sweetener for food industry.
- 2010** Rememberable point of collaboration with diaper manufacturer, Vinatoken proudly launched their new brand of Enjoy/ Enjoy Baby that offered high Europe quality child-care products.
- 2015** Penetrate to new industry by a cooperation with Korean cosmetic manufacturer, Vinatoken confidently introduced the combo of anti-aging products such as intensive ampoule and snail cream.
- 2022** Overcome economic crisis caused by the Covid-19 globally, Vinatoken never stopped researching and developing to expand their business in manufacturing high Europe and US standard of medical consumables which satisfied the local demand as well as exporting to many countries.



## CORE VALUES



### Quality

Over 150 skilled employees and the quality standards of ISO, FDA, GMP for our products, Vinatoken is committed to providing the best international quality standards for all products.



### Credit

Maintaining good reputation over 17 years, Vinatoken connects and cooperates with experienced suppliers in nonwovens industry. It is also our crucial key success for our high-quality products to achieve the international standards.



### Growth

Thanks to our strong financial stability and considerable advantages from our distribution channels, Vinatoken plans to expand its business not merely across Vietnam, but also over the globe.



### Disciplines

Our skilled staff always comply with the strong disciplines of international standard requirements and safety regulations to produce the preeminent products.



### Sharing

Our customers is very diversified from the SMEs to Large Enterprises, domestic to international markets, traders to suppliers. Vinatoken always offers the equal business environment to collaborate and cooperate for all customers.

### VINATOKEN TECHNOLOGY AND TRADING CO., LTD

157 Nguyen Thi Thap Street, Tan Phu Ward, District 7, Ho Chi Minh City  
Branch Office  
No 57 Street 43, Tan Phong Ward, District 7, Ho Chi Minh City

(+84 - 28) 5449 6357 - 58 - 59  
www.vinatoken.com.vn



Vinatoken has been providing many types of non-woven fabrics to clients with different purposes such as: multifunction wipes, hygiene cloths, medical consumable and personal cleaning solutions. With lots of characteristics of non-woven fabrics, we separate them into technology; at the same time, we also update and follow global usage trends and behavior - sustainable innovative non-woven.

Non-woven fabrics  
**SPUNLACE**

Spunlace is a bonding process for wet or dry fibrous webs made by either carding, air-laying or wet-laying, the resulting bonded fabric being a nonwoven.

**Composition:**

The most popular is Viscose (VIS) and Polyester (PES) staple fibers but Polypropylene (PP) and cotton are also used.

**Color:**

White, black, and colors as requested.

**Application in manufacturing**

Main applications for spunlace include wipes, facial sheet masks and medical products.



Non-woven fabrics - New technology

**AIRLAID**

This is a special material which offers the excellent features such as: water absorbency of paper. Sustainability is one of the main factors driving the wider use of airlaid nonwovens.

**Ingredients:**

100% pulp fibers, or mixtures of pulp and short cut synthetic fibers.

**Quantification:**

From 45gsm to 200gsm.

**Applications:**

Food, medical, personal care and safety and cleaning industries.

Non-woven fabrics - New technology

**WETLAID**

Wetlaid nonwovens are special materials and in an ideal position to meet the desire for more sustainable products because can use wood pulp and other natural fibres as major raw materials. This trend will be aided by corporate sustainability goals and new regulatory restrictions on single-use plastics, and wipe flush ability in particular.

**Ingredients:**

Staple fibers mixed with viscose or wood pulp

**Quantification**

From 45gsm up to 200gsm.

**Applications:**

Premium wet wipes, one-sheet towels, makeup remover tissues, wipes, tea bags and coffee filters







Non-woven fabrics

**PP** Polypropylene

Polypropylene provides specific functions such as liquid repellency, cushioning, softness, resilience, thermal insulation and air permeability.

**Ingredients:**  
100% Polypropylene

**Color:**  
White, blue, grey and black

**Applications:**  
Medical consumables



Non-woven fabrics

**SMS** Spunbond Meltblown Spunbond

Spunbond has been combined with melt-blown nonwovens, conforming them into a layered product called SMS (spun-melt-spun). SMS has excellent physical properties as well as barrier qualities. Features include high tensile strength, softness, comfort, breathability, wearability, and is also lightweight and water-repellent.

**Ingredients:**  
100% Polypropylene

**Color:**  
White, blue, grey and black

**Applications:**  
Medical and hygiene products such as diapers, protective wear, face masks, hospital gowns, wound care, caps, filtration fabrics.

Non-woven fabrics

**ES** Ethylene-Propylene Side by Side

Ethylene-Propylene Side by Side is an eco-friendly material, air permeability and high homogeneity.

**Ingredients:**  
PE + PP

**Color:**  
Extreme White

**Applications:**  
Manufacture medical mask KN95/N95, single - use tablecloths, personal hygiene products.







Non-woven fabrics  
**MELT BLOWN**

Meltblown nonwovens can benefit from extremely fine fibers and are often used in respirators, face masks and filtration media.

**Ingredients:**  
The extremely fine fibers (typically polypropylene)

**Color:**  
White

**Applications:**  
Filter media, face masks and respirators...

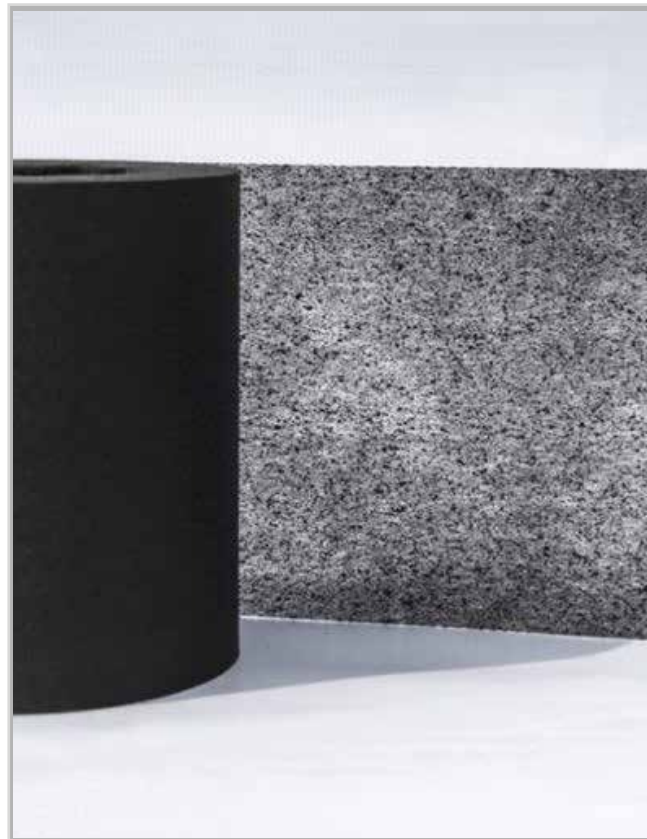
Non-woven fabrics  
**ACTIVATED CARBON**

Activated carbon fabric provides significant features of air permeability, toxic fumes filtering and chemical absorbent.

**Ingredients:**  
100% Activated carbon.

**Color:**  
Natural black.

**Applications:**  
Manufacture single-use activated carbon face mask.





Non-woven fabrics  
**MICROPOROUS**

Microporous provides specific characteristics of liquid repellence and abrasion resistance.

**Ingredients:**  
Breathable Polyethylene (PE) + Glue + Polypropylene (PP)

**Color:**  
White

**Applications:**  
Medical consumables, protection cloths.

Non-woven fabrics  
**AIR THROUGH BONDING**

Nonwoven fabrics created by the through air process have the characteristics of being soft and bulky.

**Ingredients:**  
100% Polypropylene

**Color:**  
White

**Applications:**  
Filtration materials, bedding, furniture, carpet backing, cleaning wipes, dryer sheets, and other durable end use disposable products.



Non-woven fabrics  
**CHEMICAL BONDED**

Chemical bond provides specific functions such as high durable, improved washability, anti-fading, and flame retardancy.

**Ingredients:**  
100% Polyester

**Color:**  
White, black, grey

**Applications:**  
Agriculture, textile and garment applications, medical hygiene products, wet wipe industry.

Non-woven fabrics  
**NEEDLE PUNCHED**

Needle punched is non-woven fabrics provides significant features of versatility and flexibility.

**Ingredients:**  
100% Polyester

**Color:**  
White, black, grey

**Applications:**  
Needle punched nonwovens is used in automobiles for carpeting, ceiling, dashboard, trunk lining and insulation materials







Zinc nose bars are bent to hold and fix the mask on each specific face easier, together with preventing eye shifting or vision blocking.



### **ZINC NOSE BARS**

Medical applications

**Ingredients:**  
100% pure plastic, odorless and Zinc.

**Color:**  
Opalescent

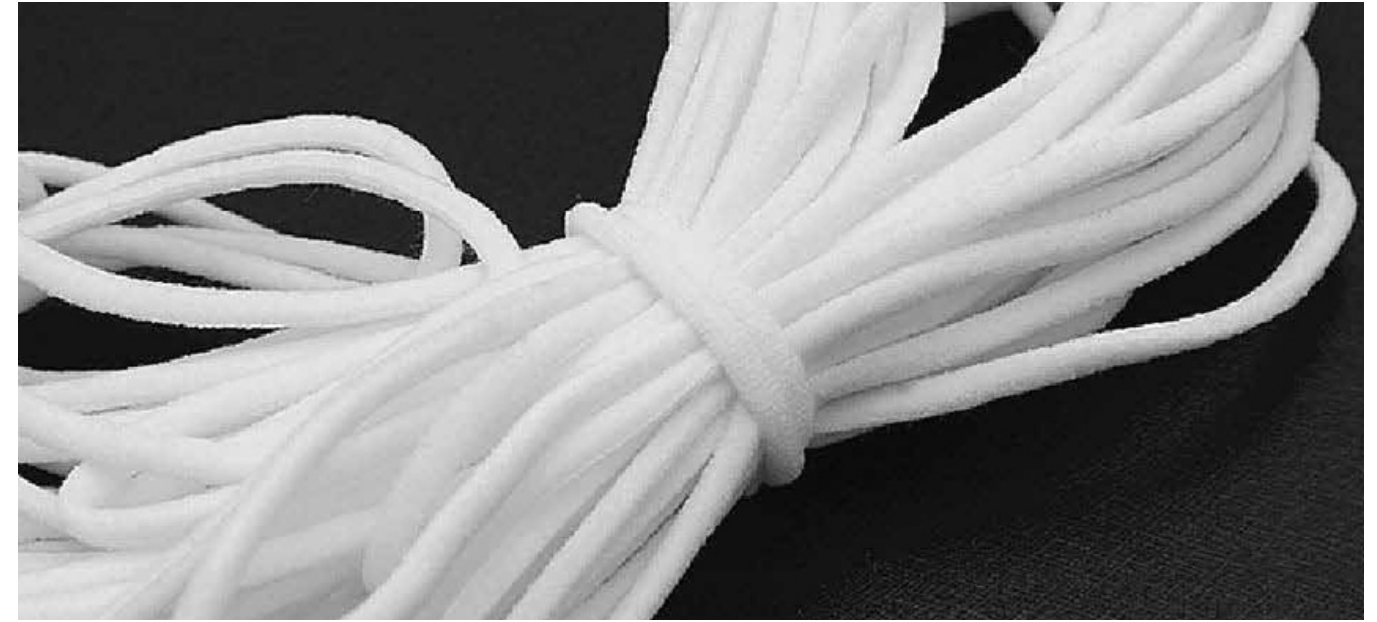


### **PLASTIC NOSE BARS**

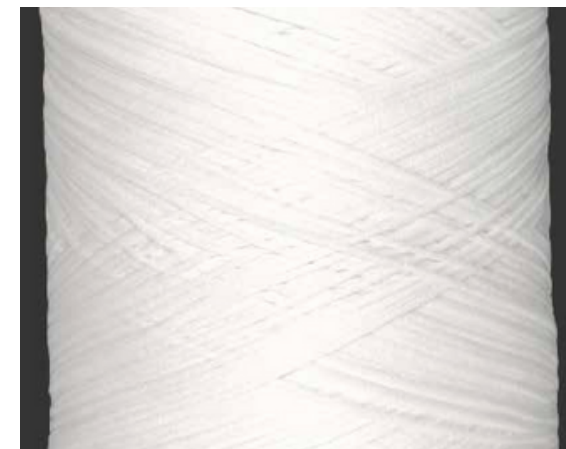
Medical applications

**Ingredients:**  
100% PP pure, odourless

**Color:**  
White.



Elastics are soft and smooth in result of the 20% - 50% Spandex component and 50% - 80% Poly which improves the characteristic of elasticity as well as bringing comfort for users when wearing for hours. Especially, during the manufacturing, elastics easily glue to the pad that increases the endurance and generally long-lived. Elastics are diversified colors referred to customers' order.



### **EAR LOOP ELASTICS ROUND**

Manufacture medical mask



### **EAR LOOP ELASTICS FLAT**

Manufacture medical mask

# SWEETENER

A sugar substitute that provides a sweet taste for food but contains significantly less energy. It brings a big benefit for controlling calorie consumption, and very necessary for diabetic patients. Sweetener is commercially popular in zero - calorie or low-calorie foods.



# SWEETENER



Sweetener

## ACESUFAME – K(E950)

**Chemical Name:** Potassium-6-methyl-2, 2-dioxo-oxathiazin-4-olate

**Chemical Formula:** C<sub>4</sub>H<sub>4</sub>KNO<sub>4</sub>S

**International Index:** E950

**Molecular weight:** 201.24 g/mol

**Melting point:** 225 °C

**PH:** 2-10 and pH stable

**State:** white crystalline powder, Odourless

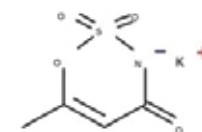
**Packaging:** Standard packaging is 25 kgs net weight in cartoon box.

**Manufacturer:** Anhui – China.

**Storage:** Keep in a cool and dry place and keep away from strong light and heat.

**Shelf life:** 2 years when properly stored.

**Molecular Structure:**



**Sweetener:** is a high-intensity sweetener that is 200 times sweeter than sugar. Acesulfame Potassium has a clean, sweet taste with a fast onset and no lingering aftertaste.

**Stability:** Acesulfam-K stable under the effect of heat, even in conditions of strong acid or alkaline. It's allowed to use in baked product or product with long-term use. Highly stable compounds in liquid medium.

**Solubility:** has rapid solubility in water, a liter of water at 200C can dissolve 270 g acesulfame- K.

### Advantages & benefits

No absorption of moisture in the air

Calorie-free and suitable for diabetics.

Acesulfame Potassium does not promote tooth decay.

Shortens lingering sweetness of sucralose and aspartame and enhances and intensifies other flavors.

Remains Stable Under High Temperatures. The sweet taste of acesulfame K remains unchanged during baking.

Even at oven temperatures over 200°C, acesulfame K shows no indications of breaking down or losing its sweet taste. Beverages containing acesulfame K also can be pasteurized under normal pasteurizing conditions without loss of sweetness.

Metabolism: Acesulfame K is not metabolized by the body. It passes through the GI tract unchanged.

### Product Applications

Typical use in diet and home cooking:

Used in carbonated and non-carbonated beverages, juices, dairy products, desserts, baked goods, jelly, chewing gums, soups, snack foods, salad dressings and sauces, breakfast cereals and much more.

It is found in a variety of pharmaceutical products, vitamins, toothpaste, and mouthwash. Alcoholic beverages may also contain Acesulfame K.

It is possible to bake and cook with Acesulfame K. Because of its stability, it retains its sweetness at normal baking temperatures and in combination with acidic ingredients in foods and beverages.

The sweetener, which can be used alone, often is blended with other low-calorie sweeteners to produce a more sugar-like taste than that of any of the low-calorie sweeteners alone.



# Sweetener ASPARTAME (E951)

Sino Sweet Co., Ltd. is a world-class manufacturer of Aspartame and L Phenylalanine, the main raw material for Aspartame manufacturing. This backward integration into the main raw material ensures Sino Sweet's independence and competitiveness.

Sino Sweet's manufacturing is supported by a strong R&D team and a strict Quality Control system. Different grades of its products are manufactured in conformity with EP5.0; USP30/NF25; FCCV and GS standards.



# SWEETENER



Chemical Name: N- (L a aspartyl) L-phenylalanine-1-methyl ester

Chemical Formula: C14H18N2O5

International Index: E951

**Product features:** Aspartame is a low-calorie intensive sweetener discovered by accident in 1965, with two constituent amino acids, L-Aspartic Acid and L-Phenylalanine, both commonly found in daily food. Aspartame is two hundred times sweeter than Sucrose. Aspartame has been approved for human consumption in most countries in the world and it is used in thousands of products, consumed by hundreds of millions of people worldwide. Sino Sweet Aspartame is an odorless, white crystalline powder with chemically pure and contains no additives, preservatives, or colors. Aspartame containing food products must be properly labeled in order to warn phenylketonurics accordingly.

**Shelf Life:** Shelf life of 24 months if stored between 20° to 27°(70°F to 80°F); Shelf life of 36 months if stored between 5°to 20° (40°F to 70°F).

**Molecular Structure:**



**Features & benefits**

- Attractive taste profile: Aspartame creates a clean and pure taste of sweetness (200 times sweeter than Sucrose).
- Low calorie: Aspartame is ideal for use in low calorie and dietetic products.
- Cost saving: Aspartame may contribute significantly to lower cost of food products, when replacing Sucrose.
- Suitable for diabetics: Aspartame may be freely used by diabetics.
- Flavor-enhancing: Aspartame may boost flavor impact in certain applications.
- Positive health impact: Aspartame is non-cariogenic, has no negative effect on blood sugar, coronary heart diseases and hypertension.

**Product Applications**

- Aspartame is used in the manufacture of many sugar-free, low calorie and dietary products, such as: beverages, carbonated and still soft drinks, fruit-juices and fruit syrups; table-top: compressed sweeteners, powdered sweeteners (spoon-for-spoon), sweetener sachets and liquid table-top sweeteners; dry mixes: hot and cold chocolate and beverage mixes and instant desserts.
- Dairy: yoghurt, frozen novelties and desserts.
- Confectionery: chewing gum, boiled sweets, mints, chocolate, gums and jellies.
- Pharmaceutical: tablets, pastilles, sugar-free syrups, powdered mixes and effervescent tablets.

**Sino Sweet offers the following grades:**

- Regular Powder (90% through mesh 120 screen)
- Regular Granular (NMT 1.5% on mesh 20 screen, NMT 3.0% through mesh 60)
- Fine Powder (95% through mesh 350 screen)
- Fine Granular (NMT 1.5% on mesh 60 screen, NMT 5.0% through mesh 100)
- Super Fine Powder
- Table-Top Series (Sweetener Tablets, Sweetener Sachets)
- Customized grades are available upon demand.
- It gets Our Standards 3 GOOD

Sweetener

# NEOTAME (E961)

Neotame is a new food used in the job of adding sweetness and flavor to foods and beverages without calories for dieters. Neotame is also known as diet sugar. Neotame is a versatile new food ingredient that can be used as a sweetener and flavor enhancer in foods and beverages, without the calories for dieters. Neotame has the other name is the sugar diet. Neotame provides food and beverage manufacturers with greater flexibility and value in developing products that meet consumer expectations for great taste. FDA Approved in 2002. After reviewing more than 100 scientific studies with neotame, the U.S. Food and Drug Administration (FDA) affirmed its safety and functionality by granting general use approval for neotame as a sweetener and flavor enhancer in foods and beverages.

FDA has a detailed and extensive process for evaluating the safety and functionality of new food additives. This rigorous process provides a high level of confidence in the safety of neotame. FDA's review of neotame included evaluation of the comprehensive research done in both humans and animals using amounts of neotame that far exceed expected consumption levels.

Neotame has no effect on blood glucose or insulin levels. It is considered safe for use during pregnancy. Unlike aspartame, neotame is safe for people who suffer from phenylketonuria (PKU). The results of these studies confirm that Neotame is a safe product for users, including children, pregnant women, nursing mothers and those with diabetes.

VINATOKEN TECHNOLOGY AND TRADING CO., LTD

157 Nguyen Thi Thap Street, Tan Phu Ward, District 7, Ho Chi Minh City  
Branch Office  
No 57 Street 43, Tan Phong Ward, District 7, Ho Chi Minh City

(+84 - 28) 5449 6357 - 58 - 59  
www.vinatoken.com.vn

# SWEETENER



Chemical Name: N-(N-(3,3-Dimethylbutyl)-L-alpha-aspartyl)-L-phenylalanine 1-methyl ester

**Chemical Formula:** C<sub>20</sub>H<sub>30</sub>N<sub>2</sub>O<sub>5</sub>

**International Index:** E961

**Molecular weight:** 378,46 g/mol

**Melting point:** 81 – 84°C

pH: 5 – 7

**State:** white crystalline powder

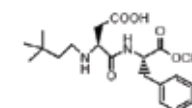
**Manufacturer:** HUASWEET – China

**Packaging:** Standard packaging is 25 kgs net weight in cartoon box or packaging is 1 kgs/ bag

**Shelf life:** 5 years when properly stored.

**Storage:** Keep in a cool and dry place and keep away from strong light and heat.

**Molecular Structure:**



**Sweeter:** About 7,000 – 13,000 times more potent than sugar (sucrose). Much more efficient (40 times) than sucralose, saccharin, aspartame, or acesulfame.

**Stability:** Neotame has been designed to overcome some problems with aspartame. It is heat stable and does not degrade during processing, which is a major limitation of aspartame.

**Solubility:** Neotame at room temperature (25°) water solubility 12.6 g / l, the solubility can meet the needs of normal production. Environmental dissolve in ethanol (950g / l).

**Advantages & Benefits**

**Excellent Taste:** Neotame has a clean sweet taste like sugar. It is about 8,000 times sweeter than sugar on a weight basis, thus only very small amounts are needed in products (e.g., only about 6 mg of neotame is needed to sweeten a 12-ounce serving of beverage).

**Versatility:** Neotame functions effectively in a wide range of foods and beverages: Carbonated soft drinks, ice creams, yogurt, chewing gum, Toppings, Fruit juices, Candies, baked goods, cereal... It can be used alone or as part of a blend system with other non-nutritive or nutritive sweeteners to create new sweet tastes.

**Flavor Enhancement:** Neotame uniquely enhances the flavors of other ingredients, such as mint, in foods and beverages. Suitable for diabetics, Neotame does not promote tooth decay.

**Product Applications**

Due to its high stability in heat and moisture Neotame has a high potential for use in many different products. Acid-based beverages: Carbonated and powdered soft drinks, Fruit juices, still beverages Hot-packed beverages ... Baking processed foods (heat resistant): Fully functional in cakes and puddings.

Functional in various other applications: Breakfast cereals and Processed fruits Frozen desserts (e.g., ice creams), Toppings, Jams and marmalades, Jellies and gelatins, Pharmaceuticals and nutraceuticals Toothpaste, tooth powder Tabletop uses (tablets and powder): Excellent during breakfast in coffee, tea, milk, yogurt... Valuable for cooking and baking. Sterilization, pasteurization and fermentation conditions: e.g., dairy products (yogurts, milk...) fruit juices... confectionery (as a sweetener and flavor enhancer): e.g., chewing gum...

VINATOKEN TECHNOLOGY AND TRADING CO., LTD

157 Nguyen Thi Thap Street, Tan Phu Ward, District 7, Ho Chi Minh City  
Branch Office  
No 57 Street 43, Tan Phong Ward, District 7, Ho Chi Minh City

(+84 - 28) 5449 6357 - 58 - 59  
www.vinatoken.com.vn