

Control Cravings for Weight Management

Slendesta® is a safe and natural, clinically studied satiety ingredient that helps people feel full sooner and longer, to successfully manage cravings and achieve their weight management goals.



- **Natural**
- **100% water extraction**
- **Free of stimulants, with no side effects¹⁻³**
- **Suitable for vegetarian/vegan**
- **Non-GMO, U.S.-grown**
- **Evaluated in 15 human clinical trials**
- **Water dispersible**



Feeding Demand

Consumers are taking a more proactive approach to maintaining and improving their health—and weight management is a growing concern that impacts consumers' health and wellness, around the world.⁴ Satiety-enhancing ingredients are an important category in the weight management market.

- **Globally, over 77% of female consumers and 40% of male consumers are taking a proactive approach to lose or maintain their weight.⁵**
- **61% of global consumers say they have looked to improve their overall health within the last 2 years.⁶**
- **60+% seek weight management benefits from foods.⁶**
- **The weight management industry is estimated to be \$295.3b by 2027.⁶**



HOW SLENDESTA HELPS

Slendesta is standardized to a protein naturally occurring in potatoes called Proteinase inhibitor II (PI2). It works by enhancing the body's natural release of cholecystokinin (CCK), a gastrointestinal hormone which sends the signal to the brain that the stomach is full.

SLENDESTA'S CLINICALLY SUPPORTED SATIETY AND WEIGHT MANAGEMENT BENEFITS⁷⁻¹⁴ INCLUDE:

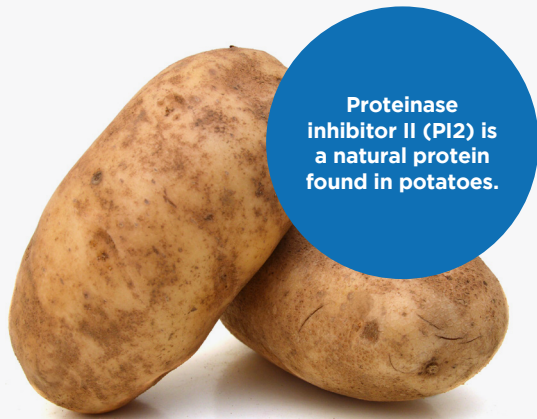
- ✓ **Increase feelings of fullness**
- ✓ **Decrease in hunger and desire to eat**
- ✓ **Reduction of food intake**
- ✓ **Weight loss**
- ✓ **Reduced waist and hip measurements**
- ✓ **Supporting post-meal blood glucose control**

*When 300mg to 600mg of Slendesta is taken once or twice a day at breakfast or lunch.⁷⁻¹⁴



HOW DOES SLENDESTA WORK?

When supplements or functional foods containing Slendesta are taken, the active protein Proteinase inhibitor II (PI2) promotes and extends the release of the peptide cholecystokinin (CCK). The gut peptide-signaling molecule CCK induces satiation and satiety, resulting in a person eating less.



CONTROL APPETITE, NATURALLY



When food is eaten, the small intestine naturally releases a peptide-signaling molecule called cholecystokinin (CCK).



CCK can act in the brain and gut to promote the feeling of fullness.



The increase in feelings of fullness translates to people being satisfied more quickly and for longer. This results in less food consumed and a lower caloric intake, supporting weight loss or maintenance.

SLENDESTA IS SUPPORTED BY:

17

PUBLICATIONS

500+

PARTICIPANTS ENROLLED
IN CLINICAL TRIALS

Data suggests that individuals who took 300mg to 600mg of Slendesta 60 minutes before consuming a meal:⁷

- **felt less hungry** than controls two to three hours after the meal
- **had a decreased desire to eat** two to three hours after a meal

FORMULATION EASE

Slendesta has minimal flavor and color that is easily masked in many formulations, making it is easy to formulate with and incorporate into a daily routine.



FORMULATION POINTS

Water soluble, water-based extract

Form: powder

Color: off-white to dark tan powder

Odor: characteristic potato proteins

Density: 0.30 – 0.90 g/cm³

pH: 3.5 – 7.0

Temperature:
not to exceed 350°F (176°C)

Efficacious dose:
300mg to 600mg of Slendesta

Self-affirmed GRAS for use in select functional food and beverages

APPLICATION EFFICACY AND VERSATILITY

Kemin's in-house Customer Lab Services have done extensive research with manufacturers to test food, beverage and supplement applications. This application research has provided us with insights that customers can use when formulating with Slendesta to support the efficacy of their finished products.

Slendesta is Generally Recognized as Safe (GRAS) for use in select foods and beverages⁸ and has been used in numerous applications worldwide, including:



Snack or cereal bars

BAKED GOODS

Incorporate into food bars and in baked goods.



Beverages, meal replacement shakes and drink sticks

BEVERAGES

Use in a wide range of beverage applications, including dry beverage mixes, as well as fruit drink mixes, shake/smoothie mixes, and fiber drink mixes.



Soups



Gummies, chews and gum

OTHER FORMULATIONS

Add to chewing gums, candy chews, chocolates and gummy candies.



Capsules, tablets, chewable tablets and softgels



[Slendesta.com](https://www.kemin.com/health)

SUPPORTING WEIGHT MANAGEMENT

Slendesta's formulation flexibility helps food and beverage manufacturers take full advantage of the growing demand for natural, safe products that give consumers more control over their eating habits.

PROVEN SAFETY

Slendesta is registered or may be lawfully sold in many countries worldwide. Slendesta is GRAS in the United States, is considered a non-Novel Food in Europe, is authorized in China, and can be used in Canada, Japan, Taiwan and other countries in Asia and Latin America. It has been used for over 15 years in the global marketplace, with no adverse events reported.

KEMIN QUALITY

Kemin has developed Slendesta from non-GMO, U.S.-grown and harvested potatoes. It is created through a gentle water-extraction process and standardized to guaranteed levels of its active protein, PI2. The process protects and preserves the integrity of the PI2 protein, while strict quality testing ensures its consistent levels of 5% with a 300-600mg efficacious dose (15-30mg PI2).



Slendesta is manufactured under Current Good Manufacturing Practices (GMP) for Human Food at our state-of-the-art extraction facility in the U.S.A. Along with a controlled supply chain, additional quality measures include testing for:

- **Proteinase inhibitors**
- **Appearance, color, odor**

OUR PARTNERSHIP WITH NATURE AND OUR GROWERS—AND STRONG COMMITMENT TO SUSTAINABLE CROP PRODUCTION— IS TRULY GOOD FOR PEOPLE AND OUR PLANET. SUSTAINABILITY IS MORE THAN A DESTINATION—IT IS AN ONGOING JOURNEY WE HAVE ALL COMMITTED TO, AT KEMIN.



- ✓ **GRAS**
- ✓ **Kosher**
- ✓ **Halal**
- ✓ **Vegetarian**
- ✓ **Preservative free**
- ✓ **Allergen free**
- ✓ **Non-GMO**
- ✓ **Naturally sourced**

Compatible with vegetarian, vegan and plant-based diets

[Slendesta.com](https://www.slendesta.com)

References available upon request.
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