

For reduction of body odor/ especially of aged people,
Constipation relief
SENSEPUR®

SENSEPUR® is powder material of functional food from fermented rice, soy beans and extracted plant.



Characteristics

- Malodor elimination for etiquette
- Odor improvement of body, mouth and feces
- Skin refreshment & Gut condition improvement
- To balance gut microflora; good bacteria increase and bad bacteria suppression
- Very stable and available to any type of formulation

Gut flora

Gut flora consists of a complex community of microorganism species that live in the digestive tracts of animals and humans.

The populations of bacteria are a combination of both good and bad bacteria. It is the balance between the good bacteria and bad bacteria that is considered to be important for the health.

The good bacteria are bacteria such as Lactobacillus acidophilus, Lactobacillus bulgaricus, Bifidobacterium bifidum, and others. They help hosts digest food, maintain a healthy gut, provide them with nutrients and vitamins, and fight off bad bacteria.

Bad bacteria are bacteria such as Salmonella, Clostridium, and others. They become problematic when their numbers grow too large because they release toxins.

That imbalance is caused by aging, faddiness and irregular eating, resulting in disturbed gut movement, constipation, skin swelling and skin eruption. Bad bacteria cause abnormal fermentation, producing malodorous materials such as indole and scatole, which cause malodor of feces, mouth and body.

SENSEPUR®'s two main components;

One is the extract of fermented rice germ & soya bean, which contributes to improve gut flora balance.

Another is the extract of Yucca schidigera and Quillaja saponaria whose main component is SAPONIN and it contributes to suppress mal odor.

By their combination, SENSEPUR® helps maintain bacterial balance, promote gut movement, alleviate constipation, improve skin condition & nutrition absorption, suppress malodor.

Saponins;

Saponins are found in many plants and have natural detergent or surfactant properties because they contain both water soluble and fat soluble components. Certain desert plants are especially rich in saponin content. The two major commercial sources of saponins are Yucca schidigera, which grows in the arid Mexican desert, and Quillaja saponaria, a tree that grows in arid areas of Chile. The saponins from these plants are used in human and animal health.

Yucca and Quillaja saponin containing extracts are used as dietary additives for livestock and companion animals, primarily for reduction of odour and ammonia emissions from excreta. They are also used commercially for humans as one of the main ingredients of nutritional supplements owing to their useful physiological properties.

Product name	SENSEPUR®	
Name	Rice germ and soybean fermented extracts, Yucca extract, Quillaja extract	
Example of description of raw materials	Powder material of functional food from fermented rice, soy beans and extracted plant.	
Standard amount to be used	300~500mg/day	
Package	1kg aluminum bag	
Storage	Store it away from direct sunlight and high temperature/humidity	
Expiration date	Three years after manufacturing (No bag opening)	
TEST	SPECIFICATION	TEST METHOD
Appearance	White to slightly light brown powder	Visual
Odor/ Taste	Acidic, sweet, and slightly harsh taste; peculiar odor	Organoleptic

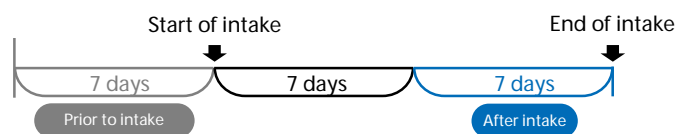
Test to evaluate bowel movement improvement through oral intake in humans

<Test method>

Bowel movement improvement was evaluated in 15 subjects (Japanese males and females aged 20–59) that had bowel movements 3–5 times a week. The test product was a hard capsule containing SENSEPUR, and the dosage was set at 500 mg/day (125 mg/1 capsule [HCP] × 4). During the 14-day test period, the test subjects took the test product with water before going to sleep.

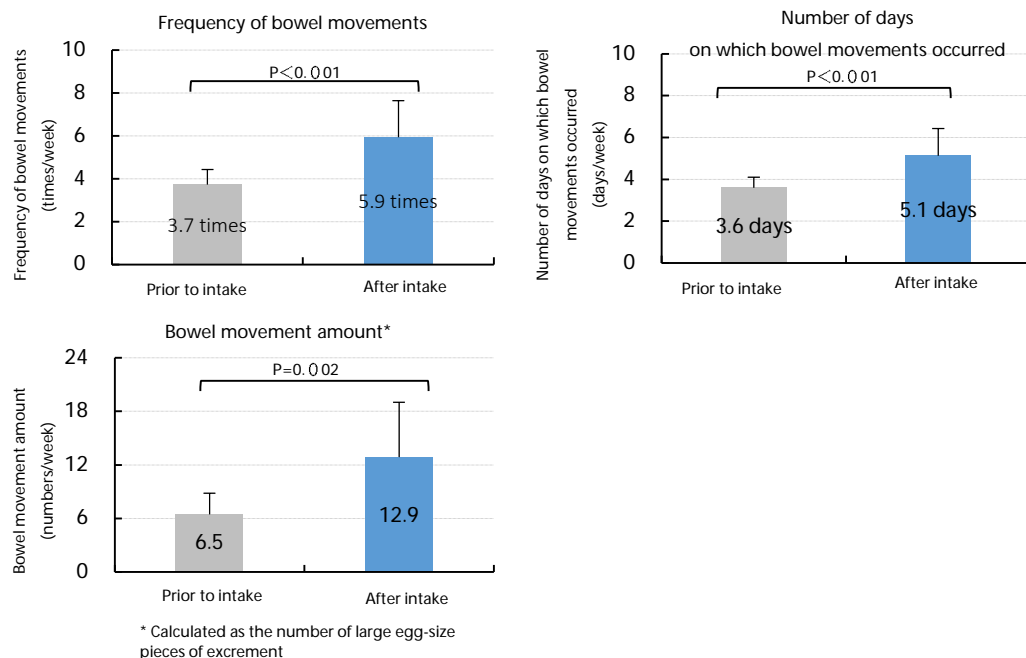
<Evaluation method>

An evaluation was conducted using a questionnaire survey on bowel movement prior to and after taking the test product.



<Results>

As a result of the test to evaluate bowel movement improvement, a significant improvement was confirmed in the amount, frequency of defecation, and number of days on which bowel movements occurred by taking SENSEPUR. Based on the above, SENSEPUR is expected to improve constipation by enabling smooth bowel movements.



Deodorant effect on human defecation

<Test method>

Twenty-four healthy adult men and women (male: 9, female: 15, age: 20s-60s) were used as subjects, and SENSEPUR 510mg / day (170mg / capsule x 3 tablets, before bedtime)

It was ingested. After an observation period of 7 to 10 days, SENSEPUR was ingested for 2 weeks, and the defecation status before and after ingestion was compared.

<Evaluation item>

- Intensity of stool odor : 6 Odor is too strong , 5 Odor is strong , 4 Odor is well detectable , 3 Odor is slightly detected , 2 Odor is rarely detected , 1 No odor
- Uncomfortable stool odor : 7 very unpleasant , 6 uncomfortable , 5 slightly uncomfortable , 4 neither uncomfortable nor uncomfortable , 3 slightly comfortable , 2 comfortable , 1 very comfortable

<Results>

Intensity and unpleasantness of stool odor were reduced. Statistically, it was a significant improvement.

However, there was no constant change in defecation status (number of defecations, defecation properties).

<Comments on the questionnaire from subjects>

- Stool odor was reduced from Day 2 (female. 50's)
- The stool odor has changed from the 3rd day. Constipation occurred on the second day after the ingestion was stopped, and the stool odor on the next day increased in intensity and discomfort.(male. 30's)
- I can now defecate without difficulty. (female. 60's)
- Regular bowel movements attained (male. 20's)

