

Broccoli sprout powder / BroccoSEED

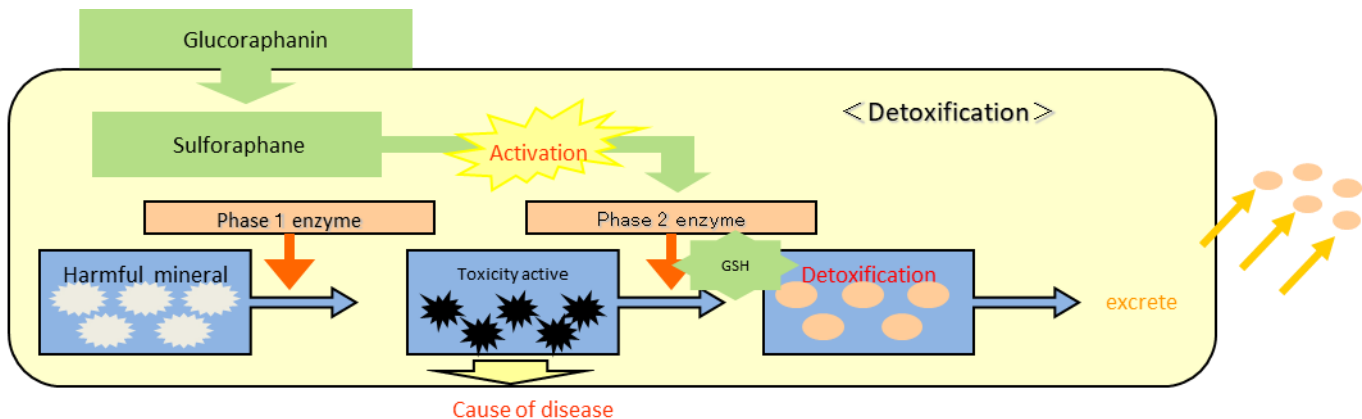
● Detoxification effect of broccoli

Broccoli (*Brassica oleracea var. italica*) contains glucoraphanin. Glucoraphanin can be converted into sulforaphane through the action of the key enzyme myrosinase. Sulforaphane can activate the detoxification enzyme and make the carcinogen in the body non-toxic, thereby playing an anti-cancer effect.



● Detoxification mechanism of sulforaphane

Phase 1 enzyme and phase 2 enzyme are made in the liver and have detoxification function. The sulforaphane can also induce the production of type 2 detoxification enzymes in the human body and inhibit the production of type 1 enzymes, and finally excrete carcinogens and harmful trace elements through various enzyme systems.



● Broccoli sprout powder

The content of glucoraphanin in broccoli sprout is 10 to 100 times that of broccoli.

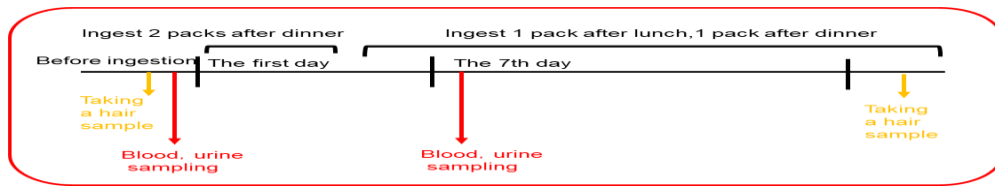
Product	Glucoraphanin
Broccoli sprout powder (100mesh)	Over 1.2%
Broccoli sprout extract powder-3	Over 3.0%



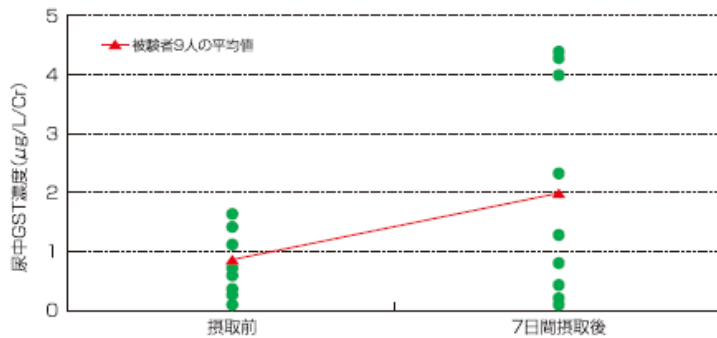
● Detoxification effect of broccoli sprout powder (clinical trial)

◎ Subject: 9 subjects (20~50age) open uncontrolled study
 Amount of intake: 3g/day term: 30days
 Measurement: Urine GST /Blood PCB /Mineral of hair
 Result: Broccoli sprout powder can increase the concentration of liver detoxification enzyme GST, promote the excretion of PCB accumulated in adipose tissue and harmful trace elements in hair.

broccoli sprout 1 pack (2g)	
broccoli sprout powder	1566mg
dextrin	391.6mg
pullulan	32.6 mg
tricalcium phosphate	9.8mg

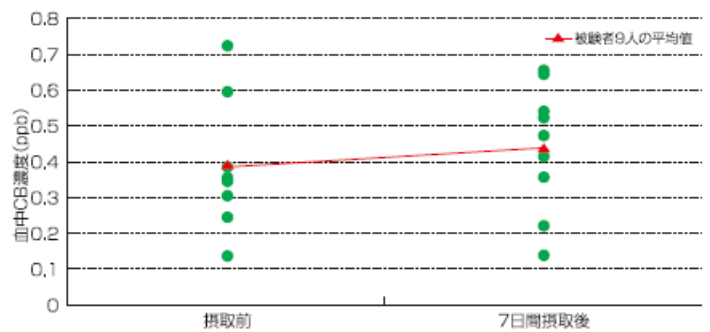


GST in urine



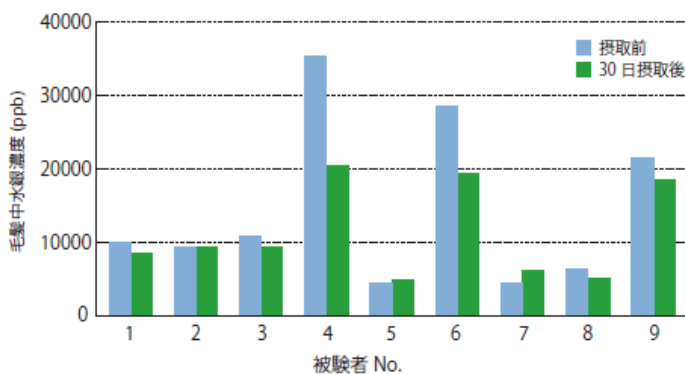
Average GST in urine rises over 2 times

PCB in blood

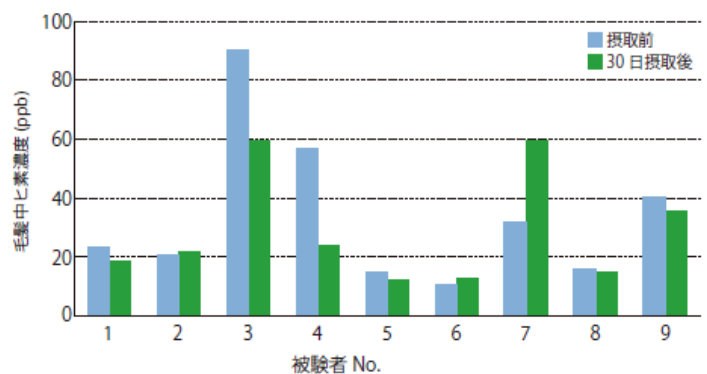


PCB in blood rises

Mercury concentrations in hair



Arsenic concentration in hair



● Product information

Broccoli sprout powder

Test	Specification
apperance	light green ~green brown powder
moisture	under 6.0%
gulucoraphanine	over 1.2%
polyphenol	over 0.8%
heavy metals(Pb)	under 20ppm
arsenic(As ₂ O ₃)	under 2ppm
general viable bacteria	under 3000cfu/g
colirform bacteria	negative
dosage	500~1500mg/day
raw materials	broccoli seed extract

- ◆Packing: 20kg~
- ◆Type of packing: cardboard case
- ◆Storage: please keep it in the place where is cool and dry.
- ◆Expiry date: 3 years after production (condition: unopened state)
- ◆Quality control: product inspection: each lot

BbroccoSEED

Test	Specification
apperance	light brown~ brown powder
moisture	under 8.0%
gulucoraphanine	over 13.0%
heavy metals(Pb)	under 20ppm
arsenic(As ₂ O ₃)	under 2ppm
general viable bacteria	under 3000cfu/g
colirform bacteria	negative
dosage	185mg~/day
raw materials	broccoli seed extract

- ◆Packing: 20kg~
- ◆Type of packing: cardboard case
- ◆Storage: please keep it in the place where is cool and dry.
- ◆Expiry date: 2 years after production (condition: unopened state)
- ◆Quality control: product inspection: each lot