

# TRANS CHEM

THE KEY INGREDIENT, NATURALLY

FEBRUARY 2018

## FermenGIN®

Higher bioavailability

### What is it?

Fermented red ginseng extract. Herbal name: *Panax ginseng* C.A. Meyer

### Why use it?

- Increased skin and intestinal permeability
- Immune health
- Anti-oxidant
- Increase of active compounds
- Improves vitality
- Water soluble

### Need to know:

- Active compound: Rg1, Rg3, Rb1, Rg5, Rk1
- Increase of ginsenoside bioavailability
- Patented probiotics used in the fermentation process

### Applications

Dietary supplements, superfood powders

### Target

Nutraceutical



BroccoRaphanin™  
The Original Sulforaphane Glucosinolate

10%  
Glucoraphanin

### What is it?

A broccoli extract which is a long-lasting indirect antioxidant ingredient intended to help provide immune system support and protection against free radicals.

### Why use it?

Glucoraphanin content of 10%.

Supports and improves health through:

- Detoxification of the body
- Anti-inflammatory properties
- Indirect antioxidant
- Stimulates the body's natural defence



### Need to know:

Produced using a patented proprietary process focused on the conservation of essential constituents.

### Clinicals

Research highlights the conversion of the precursor glucoraphanin into sulforaphane. The chemoprotective effect ascribed to sulforaphane is well documented.

### Applications

Dietary supplements, superfood powders

### Target

Nutraceutical





# MUSHROOMS

## Medicinal Mushrooms for Cold and Flu Season

### What is it?

Shiitake (*Lentinula edodes*) and Reishi (*Ganoderma lucidum*) mushroom extracts are nutrient dense, bioactive botanicals.

### Why use it?

#### SHIITAKE:

- Supports healthy cholesterol levels
- Assists cardiovascular health
- Promotes a healthy immune response
- Assists normal blood pressure
- Promotes liver health

#### Need to know:

Shiitake is an excellent source of:

- Potassium
- Zinc
- Manganese
- Copper
- Selenium
- Niacin
- Pantothenic acid
- Vitamin B6
- Vitamin D2
- Phytocompounds



#### REISHI:

- Known historically as the “mushroom of immortality” and the “elixir of life” in traditional Chinese medicine
- Helps support a calm state of mind
- May assist energy and motivation levels
- Supports normal cell function

#### Need to know:

Reishi is an excellent source of:

- Ganoderic acid
- Triterpenes
- Polysaccharides
- Ergosterol
- Peptides
- Polyphenols



### Clinicals

Studies on medicinal mushrooms are very promising and have found them to be a source of anti-viral bioactives, in addition to their well known ability to boost immunity.

### Applications

Dietary supplements, superfood powders

### Target

Nutraceutical



# COKO 50

## A next generation protein

### What is it?

A coconut extract which is a vegetarian source of high protein

### Why use it?

- May assist weight loss process
- Improves digestion and absorption
- Natural source of energy

### Need to know

- 100% water soluble
- >50% hydrolysed protein
- Contains MCTS
- Great taste
- High bio efficacy

### Applications

Dietary supplements, superfood powders, sports supplements

### Target

Nutraceutical, Men's and Women's Health



## COMING SOON

# Cognizin®

For the evolution of your mind®

## Clinically researched brain health ingredient

### What is it?

A Citicoline providing nutritional support for attention, focus and recall.

### Why use it?

- Increases phosphatidylcholine in the brain

### Need to know

- Pure
- Stable
- Water-soluble
- Neutral in taste

### Clinicals

Six published studies to date

### Applications

Dietary supplements, drinks

### Target

Nutraceutical

