Indigo Business Solutions

NOBUDHO UKON

ANTI-HANGOVER TABLET
(Ampelopsis Extract & Turmeric Tablet)

PRE-DOSING FOR ADULTS WHO DRINK

MADE IN JAPAN

WHAT IS NOBUDHO UKON?

This product is a portable dietary supplement for people who want to avoid hangovers due to excessive drinking, and those who are weak drinkers.

AMPELOPSIS EXTRACT

- Enzyme enhancing action related to alcohol metabolism
- Inhibitory effect on human's blood aldehyde level

TURMERIC EXTRACT

Effect of Liver function improvement

BENEFITS & EFFECTS OF NOBUDHO UKON

Enzymatic action related to alcohol metabolism

Inhibitory effect of blood aldehyde concentration

Improvement of Liver function

Feel good effect from an overall healthier lifestyle

DOSAGE: 1 or 2 packs a day

SERVING SIZE: 3 Tabs/pack (0.75g)

WHAT ARE THE MAIN INGREDIENTS OF NOBUDHO UKON?

1

AMPELOPSIS EXTRACT

- It is a Deciduous Vine Plant that grows wild all over Japan and in China 's mountainous area. Its stem part is in the shape of a vine and it bears small granular fruit between July to September.
- It is called "She Putao" In China and is used as a food that is expected to protect and improve the function of the liver.

Ampelopsis Extract activates the enzymes of ALDH and ADH, suggesting that it reduces the burden on the liver when drinking alcohol and reduces hangovers.

CASE STUDY

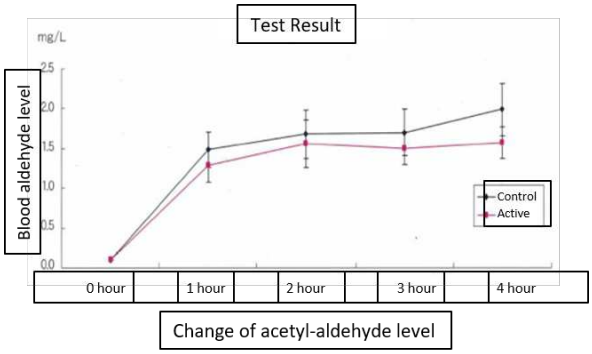
HUMAN TRIAL

JAPANESE MALES (FROM 30 TO 60 YEARS OLD)

- Those who can drink alcohol and are not weak in alcohol but feel that they are more likely to get a hangover than when they were younger

- A history of liver ailment, a person who has drunk no less than 4 days a week with no history of current illness

- Those who can drink Japanese white liquor (class-A Sochu) within approx 5 minutes as below:
  about 150 cc for 60 kg weight
  about 175 cc for 70kg weight
  about 200 cc for 80 kg weight



TRIAL PROCESS & OBSERVATIONS

Ampelopsis Extract 300 mg or dextrin 300 mg

After 30 minutes

Alcohol (Class-A shochu) 0.5 g / kg of body weight 100cc mineral water with water within 5 minutes

0-4 hours later

Blood aldehyde level measurement

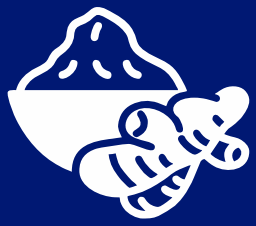
CONCLUSION

From these results it can be concluded that Ampelopsis Extract (test product) has the tendency to suppress the rise in the level of dehydrogenation. Ampelopsis Extract has been confirmed to enhance Alcohol metabolizing enzymes and Aldehyde metabolizing enzymes in the liver which results in aldehydes in the blood to be rapidly metabolized.

Therefore, Ampelopsis Extract can be expected to relieve discomfort, headache and hangover after drinking

WHAT ARE THE MAIN INGREDIENTS OF NOBUDHO UKON?

2 TURMERIC EXTRACT

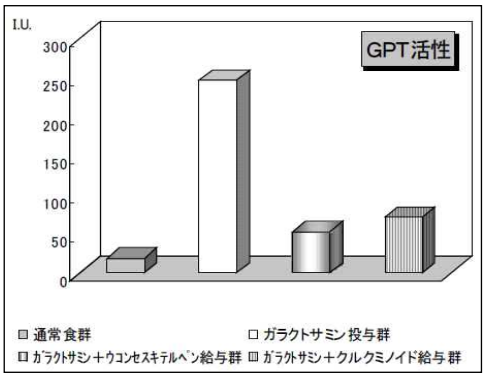


- It is a perennial herb of the ginger family Curcuma Genus which is distributed in tropical Asia and is grown in India, Okinawa, Southeast China, etc.
- Curcumin is contained in the rhizome, and has liver function improving action and antioxidant action.

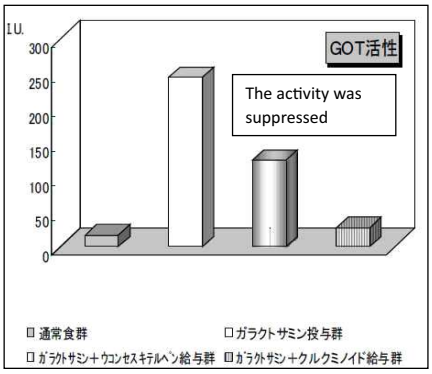
Turmeric contains an essential oil component called 'Sesquiterpene' and has different functionality (such as antibacterial properties) from Curcumin. Turmeric can be expected to maintain the health of the liver more effectively by taking Curcumin as well as Sesquiterpene together.

ANIMAL CASE STUDY

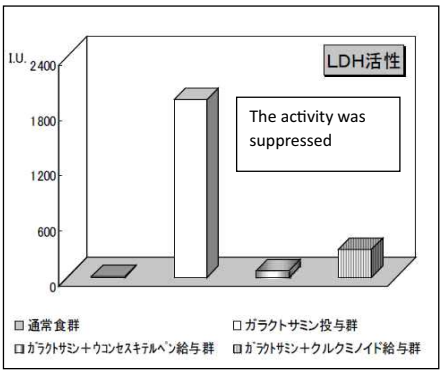
The feeding materials were combined with 0.5% of the turmericekis terpene fraction and the curcumin fraction of 1%, which were fractionated from the turmeric extract, and the rats were fed at a rate of approximately 10 g / day. Galactosamine was administered to rats 7 days after the start of feeding, and changes in GPT (Glutamate Pyruvate Transaminase), GOT (Glutamic Oxaloacetic Transaminase) and LDH (Lactate Dehydrogenase) test when liver injury was induced were confirmed.



BAR GRAPH 1



BAR GRAPH 2



BAR GRAPH 3

GPT is elevated in chronic hepatitis, GOT is elevated in alcoholic hepatitis, and LDH activity is said to be elevated in acute hepatitis. Based on the results of the experiment, prevention of liver injury can be considered as follows.

- As the suppression of the increase in GPT activity is greater with turmeric sesquiterpenes
→ Tumeric sesquiterpene can be expected to prevent chronic hepatitis
- Because curcumin is larger in suppressing the elevation of GOT activity
→ Curcumin can be expected to prevent alcoholic hepatitis
- Because turmeric sesquiterpene is larger for suppression of the rise of LDH activity
→ Tumeric sesquiterpene can be expected to prevent acute hepatitis

Feed (about 10 G / Day) Which Contained
① Turmeric sesquiterpene fraction 0.5%
② Curcumin fraction 1%

ANIMAL EXPERIMENT TIME TABLE

Normal feed feeding	4 days Preliminary Breeding
Turmeric sesquiterpene curcumin mixed feed	7 days Regular Breeding
Galactosamine administration The 7th day of this breeding	22 Hours Fasting
Blood collection and measurement	

As a result of these experiments, turmeric sesquiterpene was used in the rat-induced liver injury galactsamine model.

By administering GPT (bar graph 1), GOT (bar graph 2), L D H(Bar graph 3) activity is suppressed, and that the preventive effect of liver injury is confirmed has been approved.

ABOUT MANUFACTURER

NOBHUDO UKON has been developed and is manufactured in Japan by LS Corporation Co. Ltd., a company with three decades of experience in producing products that are backed with evidence of efficacy. LS, which stands for LIFE SCIENCE, is a pioneer and innovator in the manufacture of top quality health supplements in Japan.

Now that genetic level analysis has progressed and we know our own genetic information, LSC works on receiving accurate preventive methods and creates products that suits the person. This is the result of the realization of the KYG movement (Know & Keep Your Genes / Let's know your genes and protect them) advocated by the KYG Association in Japan and supported by LSC.

Using only the very best high quality ingredients and the very latest manufacturing technology, LSC has created their unique and best selling anti-hangover product NOBHUDO UKON.

Nobudho Ukon can be manufactured under OEM with your own Branding and Packaging.

CONTACT US

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