



ILSHINWELLS

Health Functional Food Ingredient

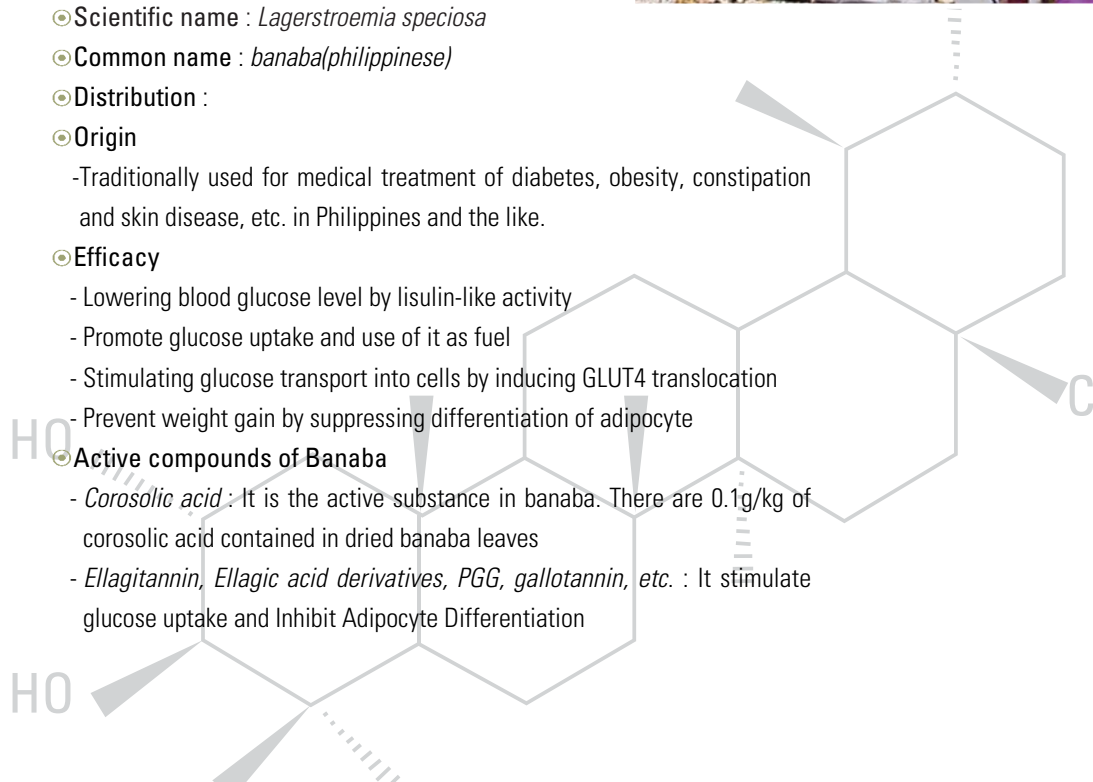
Ilshin-Banaba (*Lagerstroemia speciosa*) Alcohol Extract Powder

ILSHINWELLS HEALTH FUNCTIONAL FOOD INGREDIENT



About Banaba

- Scientific name : *Lagerstroemia speciosa*
- Common name : *banaba* (philippinese)
- Distribution :
- Origin
 - Traditionally used for medical treatment of diabetes, obesity, constipation and skin disease, etc. in Philippines and the like.
- Efficacy
 - Lowering blood glucose level by lisulin-like activity
 - Promote glucose uptake and use of it as fuel
 - Stimulating glucose transport into cells by inducing GLUT4 translocation
 - Prevent weight gain by suppressing differentiation of adipocyte
- Active compounds of Banaba
 - *Corosolic acid* : It is the active substance in banaba. There are 0.1g/kg of corosolic acid contained in dried banaba leaves
 - *Ellagitannin, Ellagic acid derivatives, PGG, gallotannin, etc.* : It stimulate glucose uptake and Inhibit Adipocyte Differentiation



Types and Manufacturing Processes of Ilshinwells Banaba Products

HEALTH FUNCTIONAL FOOD INGREDIENT



- Spray Dryng
▶
Ilshin-Banaba Alcohol Extract Powder
(Health functional food ingredient)
- Emulsification
▶
Banaba-100
(Food ingredient)
- Mixed with fiber
after SD
▶
Banaba extract mixed powder
(Food ingredient)



	Health Functional Food Ingredient	Food Ingredient	
Product name	Ilshin-Banaba Alcohol Extract Powder	Banaba Extract Mixed Powder	Banaba-100
Main components	Banaba leaf alcohol extract	Banaba leaf extract, Chicory fiber	Banaba leaf extract, Glycerine, Glycerine fatty acid ester
Description	Yellowish brown colored powder smelling of a unique scent	Light yellowish brown colored powder smelling of a unique scent	Dark brown colored liquid smelling of a unique scent
Characteristics	Contains 1% of Corosolic acid	Contains dietary fiber	Soluble in water and oil
Application	Health Functional Food (Regulate Blood glucose Level)	Weight loss nutritional supplement, beverage, functional supplement, etc.	Beverage, functional supplement, etc.