

## Remongrass biogenic water

INCI name : *Cymbopogon schoenanthus* extract  
 Chinese INCI : 藜花香茅 (CYMBOPOGON SCHOENANTHUS) 提取物  
 Origin : Thailand

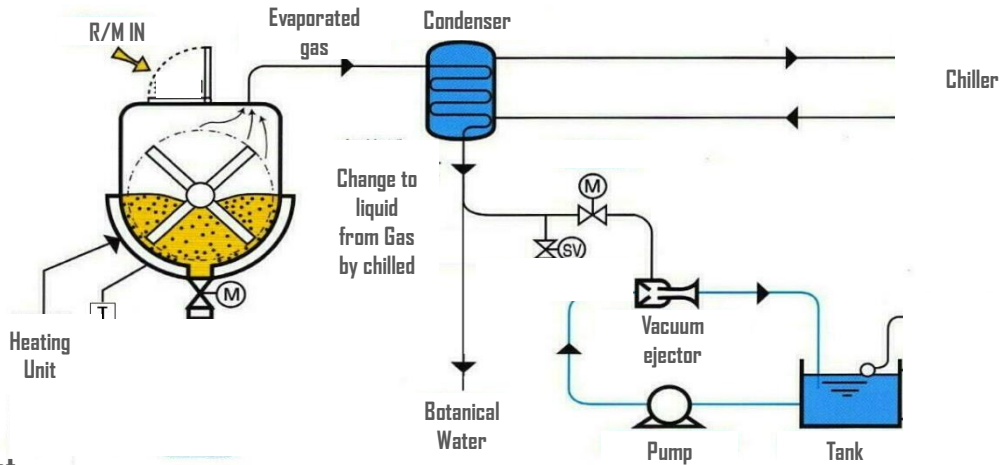


### What is Biogenic Water?

Approximately 90% of water is included in the plant body. The water is called Biogenic Water. Toa Kasei extracted this Biogenic Water by special extraction method without adding water.

### <Production>

This machine extracts Biogenic Water by making the inside a vacuum state. The vacuum condition by high speed water flow makes lower the boiling point and water can be evaporated around 40°C. This system can separate the plants to solid part and liquid part without any damage.



### Challenge test

Sample	Fungus	Fungus numerical value (quantity/g)	Fungus numerical value (quantity/g)			
			7 days	14 days	21 days	28 days
Lemongrass Biogenic water (100%)	<i>Escherichia coli</i>	$8.8 \times 10^5$	<10	<10	<10	<10
	<i>Pseudomonas aeruginosa</i>	$9.7 \times 10^5$	<10	<10	<10	<10
	<i>Staphylococcus aureus</i>	$8.6 \times 10^5$	<10	<10	<10	<10
	<i>Candida fungus</i>	$8.3 \times 10^5$	<10	<10	<10	<10
	<i>Aspergillus niger</i>	$2.4 \times 10^5$	$9.0 \times 10^4$	$8.1 \times 10^4$	$6.6 \times 10^4$	$3.8 \times 10^4$

### Products line-up

Trade Name	Form	Packing size	Characteristic	Application	Dosage(%) in Formulation
Remongrass Biogenic water	Liquid	10kg	Good odor / Anti-bacterial effect / Preservative free / 100% natural / non-chemical process	General cosmetic	1 - 80



Organic Farming