

# Lignan-Riched Black Sesame Micro Powder (Pulverized product)

## Features of raw material

● Lignan-Riched Black Sesame which is the raw material of this product contains 2 to 5 times more lignan (known as synthesis of physiological substance) than ordinary sesame.

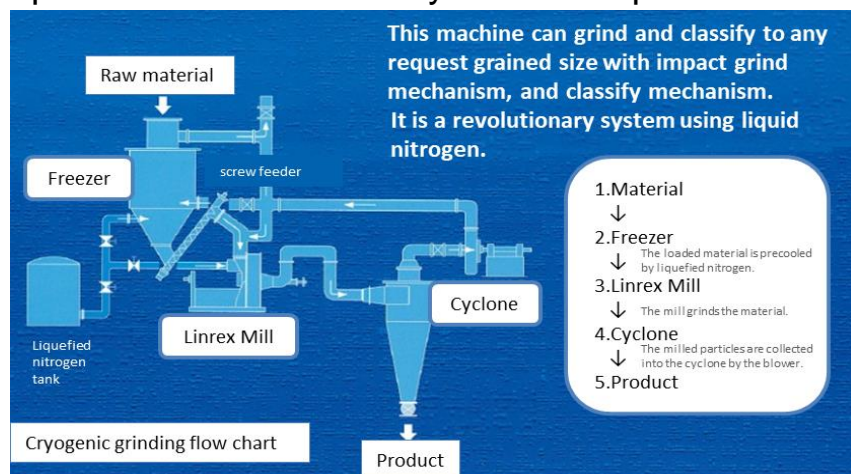
	Lignan-Riched Black Sesame	Ordinary Black Sesame	Content ratio
Sesamine	1. 0 7 0 g	0. 1 5 5 g	6. 9 times
Sesamoline	0. 4 0 3 g	0. 1 4 5 g	2. 7 times
Sesamol	0. 0 0 4 g	0. 0 0 2 g	2. 0 times
Total	1. 4 7 7 g	0. 3 0 2 g	4. 89 times

\*This table shows real value of its 100g. Analysis Organization : Japan Food Research Laboratories  
Black Sesame : No.101030151, Lignan-Riched Black Sesame : No.102013512

- It is raw material finely pulverized to about 5 times fineness(60-mesh) by the method of low temperature freeze pulverization, compared with the ordinary ground sesame (our company's product: 8 ~ 12-mesh item) .
- This sesame is cultivated without pesticides in the northern selective farmland of Myanmar. (corresponded positive List System for Agricultural Chemical Residues, analyzed "434 pesticides".)
- Those seedlings are registered in the Ministry of Agriculture, Forestry and Fisheries . (ITCFA2001.2002;2010)
- The trademark is registered as "WADAMAN Lignan-Riched Kuro Goma" (class 29).

## Features of production method

Although the sesame seeds can become a paste by a normal method, our product is pulverized to 60 mesh by the technique of ultra low temperature freeze pulverization.



Ultra low temperature pulverizing machine

## Use

### Material appearance



### Tablets



### Hard capsules



**RAW MATERIALS / PRODUCTS STANDARDS**

		There is no change in the standard Allergens (added kiwi fruit, almonds & removed pork ) 2022.2.14 2020.7. 8 Postscript, correction (magnets and company-name 2018.10.1 2016.5.10 2015.2.4 2013.10.1 2013.5.29
<b>Name of Product</b>	Lignan-Riched Black Sesame Micro Powder	<b>Manufacturer (toast sesame of raw material)</b>
<b>Contents</b>	10Kg (2 sacks of Aluminium standing pouch (5Kg per 1 pouch) / corrugated cardboard) *enclosed AGELESS	WADAMAN CO.,LTD. 9-5 Sugahara-cho, Kita-ku Osaka-shi,Osaka Yao Factory (Certified organic factory)
<b>Raw Material</b>	Lignan-Riched Black Sesame 100% (Country of origin : Myanmar)	7-97 Oihara, Yao-shi, Osaka (OCIA Japan has reviewed the above applicant and determined that all processes meet JAS's strict standards for Processed Foods Production Process Manager. OCIA Japan has granted certification to the above applicant.)
<b>Keeping Condition</b>	Keep in a cool dark place, avoid direct sunlight, high humidity and heat. (Less than 20°C is desirable)	
<b>Best before</b>	18 months from the manufacture date (Product manufactured after 2016.5.20 : lot No.280119), and 1 month after opening	<b>Seller:</b> Wadaman Science Co.,Ltd ( tel :+81- 75-222-7318)
<b>Features</b>	Lignan-Riched Black Sesame contains 2 to 5 times more sesamine than the ordinary sesame. And this product is the freeze-pulverized sesame with ultra low temperature pulverizing machine. (90% will pass through 60-mesh sieve)	
<b>Quality standard</b>	<b>The number of general bacteria (provisional value)</b>	≤ 5,000 bacterias/g
	<b>Coliform group</b>	Negative
	<b>Water</b>	≤ 5%
<b>Specification value of Sesamine</b>	<b>Seamline value</b>	≥ 0.8% (HPLC method)
	1) Circle net screen selecting machine only objects from 1.0mm to 2.5 mm can pass 2) Specific gravity sorting machine × 2 places 3) Color sorter 4) Magnet conveyer 8,000gauss × 5 places 5) Metal detector Feφ0.7m/m Susφ1.0m/m	
<b>Example of nutrition analysis result per 100g</b> <small>*(Base on National Document for analysis about Lignan-Rich Black sesame:NO:206070621, 21, july, 2006)</small>	<b>Calories</b>	644 kcal
	<b>Water</b>	1.5 g
	<b>Protein</b>	18.7 g
	<b>Lipid</b>	54.4 g
	<b>Ash</b>	5.69 g
	<b>Carbohydrates</b>	19.8 g
<b>Additives</b>	None	
<b>Allergens</b>	Sesame was subjected to allergy labeling regulation since 20th September 2013 in Japan, please label "Sesame". In addition, the final pulverization factory uses the same process line as the pulverizing line of eggs, oranges, salmon, soybeans, chicken, peaches, gelatin, apples. kiwi fruits and almonds after resetting the process lines.	
<b>GMO</b>	Sesame is out of GMO. *There is not an existing GMO in sesame (at the present moment).	
<b>Pesticide residue</b>	No detected by simultaneous testing of residual agricultural chemicals (Monitoring all items of " Seeds ")	
<b>Raw Materials related to BSE</b>	None	