

# Golden Sesame Micro Powder (Ultra-Fine Powder)

## ■ Product Features

The sesame used for Golden Sesame Micro Powder is sourced from **Turkey or Egypt**.

Sesame seeds originate from the African savanna and grow in subtropical climates. Among global production areas, the **Mediterranean coastal region** is known for producing sesame of exceptionally high quality and flavor.

Golden sesame from this region contains **more oil** than white or black sesame, and is highly regarded for its **richness and umami**.

*Note: Raw materials are sourced from Egypt or Turkey (until 2020).*

Using **cryogenic grinding**, the sesame is pulverized to **60 mesh with 90% pass**, making it approximately **1.5 to 6 times finer** than typical ground sesame (8–12 mesh). (Actual particle size distribution: standard black ground sesame shows over 90% between 10–42 mesh.)

→ Please refer to the test report below:

[http://www.wadaman-s.com/products/rigunan/doc/lignankuromicropowder\\_ryudo\\_hikaku.pdf](http://www.wadaman-s.com/products/rigunan/doc/lignankuromicropowder_ryudo_hikaku.pdf)

● Regarding pesticides: A **538-item pesticide residue test** was conducted in 2017 (Masys Food & Pharmaceutical Safety Evaluation Center).

Test report:

[http://www.wadaman-s.com/products/goma/doc/kiniri\\_nouyaku2017.pdf](http://www.wadaman-s.com/products/goma/doc/kiniri_nouyaku2017.pdf)

## ◆ Appearance



## ■ Applications

- Powdered beverages
- Blending with kinako (roasted soybean flour)
- Toppings for confectionery, furikake, etc.
- Supplements (hard capsules, etc.)
- Can also be used as a substitute for sesame paste

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# Raw Material / Product Specification Sheet

<b>Update</b>	May 21, 2026 (added grinding factory information) December 9, 2024 (shelf life updated to 24 months; moisture value changed to reference). July 22, 2020 (allergen labeling updated: kiwi fruit)、Created December 2019.	
<b>Product Name</b>	<b>Golden Sesame Micro Powder</b>	<b>Manufacturer</b>
<b>Net Weight</b>	<b>Net Weight</b> 10 kg (two 5 kg aluminum stand-up pouches per carton) Oxygen absorber included.	◆ <b>Roasting Process:</b> Wadaman Co., Ltd. Head Office: 9-5 Sugawara-cho, Kita-ku, Osaka Organic-certified factory: Yao Factory 7-97 Oihara, Yao City, Osaka (Certified under JAS Organic Process Management)
<b>Raw Material Used</b>	Roasted golden sesame (Turkey or Egypt)	◆ <b>Final Grinding Process</b> <b>Osaka Gas Liquid Co., Ltd.</b> Food Powder Division (Food Factory) 3-7 Takasago, Takaishi City, Osaka 592-0001
<b>Storage Conditions</b>	Store at room temperature, avoiding direct sunlight, high temperature, and humidity. (20° C or below is recommended.)	
<b>Shelf Life / Lot Coding</b>	24 months from manufacturing date (provisional) Lot code: last 2 digits of year + month + day (6 digits)	◆ <b>Distributor</b> Wadaman Science Co., Ltd. TEL: 075-222-7318 <b>546Karasuma-Oike agaru, Nijoden-cho, Nakagyo-ku, Kyoto, Japan</b>
<b>Product Characteristics</b>	A highly aromatic golden sesame (imported) roasted by Wadaman and pulverized using a <b>cryogenic ultra-low-temperature grinding machine</b> . Achieves <b>60 mesh, 90% pass</b> .	
<b>Quality Standards</b>	Standard Plate Count: ≤ 5,000/g (provisional)	<b>Roasted Sesame Raw Material – Manufacturing Process (Wadaman Yao Factory)</b> ▪ <b>Sifting:</b> 1.0 mm (minimum) to 2.5 mm (maximum) ▪ <b>Specific Gravity Separators:</b> 2 units、 ▪ Optical Color Sorter ▪ <b>Magnets:</b> 5 locations, each with <b>8,000 gauss or higher</b> . ▪ <b>Metal Detector:</b> Sensitivity Fe <b>0.7 mm, SUS 1.0 mm</b>
	Coliform: Negative	
	Moisture (reference): ≤ 5%	
Sesamin (reference)	≥ 0.4% (HPLCmethod) based on raw material measurement	
<b>Measured Nutritional Values (per 100 g)</b> <small>(According to the Standard Tables of Food Composition in Japan, 7th edition, and raw material specifications)</small>	Energy	<b>599kcal</b>
	Moisture:	<b>1.6 g</b>
	Protein	<b>20.3 g</b>
	Fat	<b>54.2 g</b>
	Ash	<b>5.4 g</b>
	Carbohydrates	<b>18.5 g</b>
<b>Additives</b>	None	
<b>Allergen Information</b>	Sesame has been a recommended allergen for labeling since September 20, 2013. Please label as “sesame” or “胡麻”.The final grinding factory uses the same production line for: <b>Egg, orange, salmon, soybean, chicken, peach, gelatin, apple, almond, kiwi fruit</b> (Dec 2019: pork removed; almond added. July 2020: kiwi fruit added.)	
<b>GMO Status</b>	There are currently <b>no genetically modified sesame varieties</b> in existence. Therefore, sesame is <b>not subject to GMO labeling</b> .	
<b>Pesticide Residues</b>	All items under “nuts and seeds” in the comprehensive pesticide screening test were <b>not detected</b> .	
<b>BSE-Related Materials</b>	None used.	Wadaman Science Co., Ltd. TEL: 075-222-7318 <b>546Karasuma-Oike agaru, Nijoden-cho, Nakagyo-ku, Kyoto, Japan</b>

# ◆◆ Industrial Applications for Golden Sesame Micro Powder

★Golden Sesame Micro Powder (60 mesh, 90% pass) blends easily with kinako and cocoa powder, allowing for **stable, non-segregating formulations**.

■ Powdered beverages blended with kinako, matcha, ginger powder, cocoa



■ Meal-replacement protein drinks, adult milk formulas, senior nutrition beverages



■ Powdered dressings and seasonings



■ Coating for potato chips, snacks, and fried foods



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