

Supplementary material

Development and Quality Characteristics of Elderly-Friendly Pulpo a La Gallega Prepared Using Texture-Modified Octopus (*Octopus vulgaris*) Arms

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Experiment method 1

Grade 1 (tooth-enabled intake) senior-friendly food is a regular product; therefore, in the case of a sample for measuring its hardness, a sample with a size of 20 mm or more and wider than the area of the probe was used without any pretreatment like cutting, if possible. "Experiment method 1" for hardness measurement conditions using a rheometer was as follows. A compression speed of 100 mm/min and a sample temperature of 20 ± 2 °C were set using a circular probe with a diameter of 5 mm and an acrylic bottom plate for measuring the physical properties (thickness, 10 mm; center hole diameter, 10 mm). The depth was measured by completely penetrating the test product (Figure S1).

Experiment method 3

"Experiment method 3" for hardness measurement conditions using a rheometer was as follows. A compression rate of 600 mm/min and a sample temperature of 20 ± 2 °C were set using a circular probe with a diameter of 3 mm, and clearance was measured five times up to 30% of the sample thickness. Among the results obtained from five measurements, the average value of three measurements, excluding the maximum and minimum values, is shown.

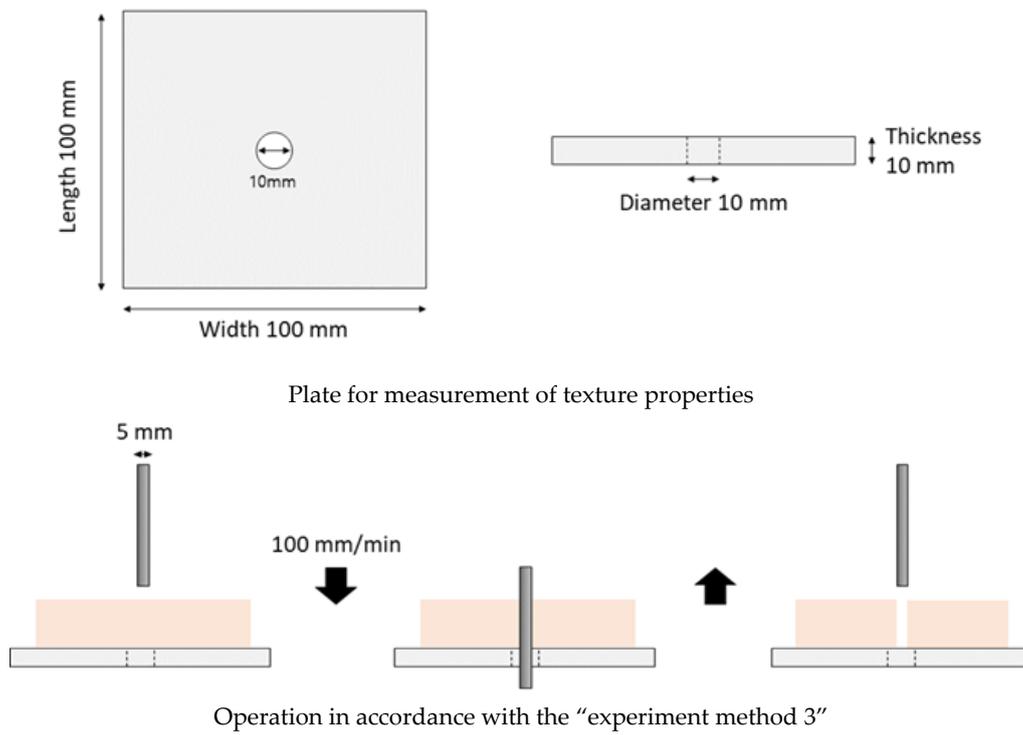


Figure S1. Operation method of the texture property meter in level 1 of texture.