

Draft for The Use Restrictions and Labeling Requirements of Broccoli (*Brassica oleracea* var. *italica*) Seed Extract as a Food Ingredient

MOHW Food No.1121300005, 17 February 2023

Article 1

The regulation is prescribed in accordance with the provisions of Paragraph 2 of Article 15-1 and Subparagraph 10 of Paragraph 1 of Article 22 of the Act Governing Food Safety and Sanitation.

Article 2

The broccoli seed extract referred to herein is produced from seeds of *Brassica oleracea* var. *italica*. The manufacturing process includes the following steps: hot water extraction, filtration to obtain the liquid extract, decolorization with activated charcoal, centrifugation, filtration, concentration and spray drying etc.

Article 3

For use as a food ingredient, the broccoli seed extract shall comply with the following requirements:

1. Specifications listed in the Appendix.
2. Can only be used for food products intended for adult population, and the daily intake shall not exceed 115 mg.

Article 4

The labelling of food products containing the broccoli seed extract shall bear the following warning statements: People under eighteen years old, pregnant women, lactating women and those with thyroid-associated diseases shall avoid consuming. People using anticoagulants and cancer patients shall only consume the product under medical supervision.

Appendix

Specifications of the broccoli seed extract

Appearance: Off-white to tan powder

Glucoraphanin: 13-20%

Moisture: < 8%

Heavy metals

Arsenic: < 2 ppm

Lead: < 1.5 ppm

Cadmium: < 0.5 ppm

Mercury: < 0.5 ppm