Berli Jucker Public Company Limited
บริษัท เบอร์ลี่ ยุคเกอร์ จำกัด (มหาชน)

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| **Health and Nutrition Research and Development Guideline** | **Support answer: 3.5 Health & Nutrition** |
| | **Report Year: 2025** |

Berli Jucker Public Company Limited (BJC) places utmost importance on consumer health and nutrition. BJC has developed the guideline for research and development of health and nutrition products to define the scope for research and development. Focus areas have been identified for research and development of health and nutrition products, including criteria for categorizing health and nutrition products. The guideline will be used for operations related to the development of health and nutrition products going forward.

**Scope**

This guideline applies to the business operations of Berli Jucker Public Company Limited and its subsidiaries.

**Guidelines for Research and Development of Health and Nutrition Products**

**1. Focus Area**

The Group's research and development of health and nutrition products will consider and prioritize various factors. as follows

1) Costs and expenses
2) Customer behavior and satisfaction
3) Supply and demand
4) Market Trend
5) Related Laws and Regulations

The scope of the Group's product research and development will focus on:

a) Reduction - Reduce components of products that may have adverse long-term health effects on consumers.

b) Addition - Add components to products that have beneficial health effects for consumers.

c) Ingredients/Raw materials - Select ingredients that are produced, cultivated or raised through processes that do not adversely impact consumer health, such as organic ingredients. Also use ingredients with high nutritional value and special beneficial nutrients like higher dietary fibre than regular ingredients.

d) Cooking/Production - Choose cooking methods or food production techniques that do not have adverse health impacts.

## 2. Assortment of Health and Nutrition Products

BJC has set criteria for classifying health and nutrition products into 2 groups:

### 2.1 The classification of health and nutrition products that can be claimed as required by law

a) Any claims made on products regarding the reduction, addition, or modification of nutrients or components related to health and nutrition must be made in accordance with the applicable Notification of the Ministry of Public Health on Nutrition Labelling, including the latest amendments (No. 467 B.E. 2568), and other relevant laws.

b) The use of the "Healthier Choice" nutritional symbol must comply with the Announcement of the Subcommittee on Development and Promotion of Simple Nutritional Symbols regarding the criteria for nutrients or nutritional values used to consider approval for displaying the "Healthier Choice" nutritional symbol on different food groups, as well as other relevant laws.

### 2.2 The groups that cannot be claimed as required by law but to be used as a guideline for categorizing health and nutrition products within the company.

For actions that do not reach the level required by law, but involve reducing, adding, or using higher or lower amounts of ingredients compared to the original or reference formulation.

Any claims made must not mislead consumers and must not violate any relevant laws. The following principles must be followed:

| Category | Criteria for making claims when not meeting legal requirements |
|---|---|
| **Lower** | |
| Sugar | Contains xx grams of sugar per serving (not a low-energy food) |
| Salt | Contains xx% sodium per serving (not a low-sodium food) |
| Fat | Contains xx% fat per serving (not a low-fat food) |
| Cholesterol | Contains xx% cholesterol per serving (not a low-cholesterol food) |
| **Add Nutrients** | |
| Vitamin | Contains xx% of vitamin per serving. |
| Fibre | Contains xx% dietary fibre per serving (not a weight control food) |
| Protein | Contains xx grams of protein per Serving |

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| Category | Criteria for making claims when not meeting legal requirements |
|---|---|
| **Healthy Ingredients** | |
| Organic | - To claim a product is "organic", it must contain at least 95% w/w ingredients from organic agriculture and be produced in a dedicated area, separate from regular food production (can apply for certification and use the Organic Thailand logo)<br>- To claim a product "contains organic (ingredient name)" or is "made from organic (ingredient name)", the product must contain 70-95% w/w ingredients from organic agriculture. It can be produced in the same area as regular foods (cannot apply for certification or use the Organic Thailand logo) |
| Plant based food | General statements that are supported by scientific evidence are allowed. However, claims about therapeutic, curative or treatment benefits are prohibited. |
| Stevia | General statements that are supported by scientific evidence are allowed. However, claims about therapeutic, curative or treatment benefits are prohibited. |
| Healthy Elderly | General statements that are supported by scientific evidence are allowed. However, claims about therapeutic, curative or treatment benefits are prohibited. |
| Healthy Working Men/ Ladies | General statements that are supported by scientific evidence are allowed. However, claims about therapeutic, curative or treatment benefits are prohibited. |
| Healthy Menu/ Raw Material | General statements that are supported by scientific evidence are allowed. However, claims about therapeutic, curative or treatment benefits are prohibited. |
| **Functional Food** | |
| Blood Type Recipe | General statements that are supported by scientific evidence are allowed. However, claims about therapeutic, curative or treatment benefits are prohibited. |
| Body Type Recipe | General statements that are supported by scientific evidence are allowed. However, claims about therapeutic, curative or treatment benefits are prohibited. |
| Immune Booster Recipe | General statements that are supported by scientific evidence are allowed. However, claims about therapeutic, curative or treatment benefits are prohibited. |

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| **Healthy Cooking Method** | |
|---|---|
| Steam | Statements claiming certain production process can be made, but the documentation of the production process must be provided for inspection by authorities upon request. |
| Boil | Statements claiming certain production process can be made, but the documentation of the production process must be provided for inspection by authorities upon request. |
| Bake not Fry | Statements claiming certain production process can be made, but the documentation of the production process must be provided for inspection by authorities upon request. |

Additionally, in researching and developing health and nutrition products, other factors that may impact product quality and consumer safety must be considered, such as packaging, transportation, storage environments, and sales conditions.

Moreover, BJC places great importance on and promotes health literacy among employees and customers. This is to benefit the research and development of health and nutrition products, and to create positive reception towards the products sold to customers, providing benefits for business operations and society going forward.