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植物基食品评价通用要求

General Requirements for the Evaluation of Plant-Based foods

(征求意见稿)

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前言

本文件按照 GB/T 1.1—2020《标准化工作导则 第1部分：标准化文件的结构和起草规则》的规定起草。

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植物基食品评价通用要求

1 范围

本文件规定了植物基食品的评价原则、评价机构和评价人员要求、评价依据、评价程序、评价后管理、评价证书和评价标志的管理。

本文件适用于植物基食品的评价或认证。

2 规范性引用文件

下列文件中的内容通过文中的规范性引用而构成本文件必不可少的条款。其中，注日期的引用文件，仅该日期对应的版本适用于本文件；不注日期的引用文件，其最新版本（包括所有的修改单）适用于本文件。

GB 28050 食品安全国家标准 预包装食品营养标签通则

3 术语和定义

下列术语和定义适用于本文件。

3.1

植物基食品 plant-based foods

以植物原料（包括藻类和真菌类）或其加工品为蛋白质、脂肪等来源，添加或不添加其他配料，经一定工艺制成的，具有类似某种动物来源食品的形态、风味、质构等一种或多种特征的食品。

4 评价原则

4.1 科学性

评价应依据相关的标准和文件开展，以营养学和食品工程学等为基础，采用可量化指标。

4.2 公正性

公开评价标准、流程及结果，接受社会监督，以公正的第三方评价机构开展评价工作。

5 基本要求

5.1 植物基食品中不得添加动物性原料。

5.2 植物基食品加工过程中涉及的微生物及微生物来源的配料应限定在食品安全国家标准和国务院卫生行政部门批准使用的菌种范围内。

5.3 植物基食品作为原料可用于再次生产加工、制造其他食品。

5.4 植物基食品生产加工单位在整个生产，加工，运输过程中不得使用动物性原料或材料。

6 评价机构与评价人员要求

6.1 评价机构宜具备食品检测资质或认证资质。

6.2 评价机构应公开评价基本规范、评价规则、收费标准等信息。

6.3 评价机构应对评价过程记录，归档留存。

6.4 评价机构应及时作出评价结论，并保证评价结论的客观、真实。

6.5 从事植物基评价活动的人员（以下简称评价人员）应当具备必要的个人素质；评价人员应具有营养学、食品科学相关背景，并通过植物基专项培训。

- 6.6 评价人员宜取得自愿性产品认证检查员。
- 6.7 评价机构需独立于生产企业，避免利益冲突。

7 评价依据

- 7.1 依据产品技术标准，可采用国家标准、行业标准、地方标准、团体标准或企业标准。
- 7.2 产品技术标准中应包括蛋白质的最低限量要求，宜包括人体必需氨基酸的限量要求，宜包括动物源性成分检测，植物基食品名称可参考附录 A。

8 评价程序

8.1 评价申请

8.1.1 评价委托人应具备的条件

- a) 取得注册登记的法人资格；
- b) 取得行政许可。
- c) 注册商标。
- d) 产品质量应符合国家强制性技术规范 and 中华人民共和国相关法律、法规、安全卫生标准。

8.1.2 评价委托人应提交的文件和资料

- a) 评价委托人的合法经营资质文件复印件，如生产许可证，经营许可证等；
- b) 品牌商标证书或商标注册所有人授权书，已获得的资质、评价、荣誉的证明材料；
- c) 评价委托人及其生产、加工的基本情况；
- d) 评价委托人名称、地址、联系方式；
- e) 评价植物基的产品名称、品牌、产值、规格；
- f) 植物基食品评价申请书，见附录 B。

8.2 评价受理

8.2.1 评价机构应至少公开以下信息：

- a) 评价资质范围及有效期；
- b) 评价程序和评价要求；
- c) 评价依据；
- d) 评价收费标准；
- e) 评价机构和评价委托人的权利与义务；
- f) 获证组织使用植物基食品评价标志、评价证书和评价机构标志或名称的要求；
- g) 对生产环境、交叉污染防控措施（如专用生产线）、仓储条件进行核查。

8.2.2 申请审核

对符合要求的评价委托人，评价机构应根据植物基食品评价规范、程序等要求，在10个工作日内对提交的申请文件和资料进行审核并保存评审记录，以确保：

- a) 评价要求规定明确、形成文件并得到理解；
- b) 评价机构和评价委托人之间在理解上的差异得到解决；
- c) 对于申请评价的植物基食品，评价机构有能力开展植物基食品评价。

8.2.3 审核结果处理

申请材料齐全且现场勘验符合要求的，予以受理评价申请。对不予受理的，应当书面通知评价委托人，并说明理由。

8.3 评价过程

8.3.1 资料收集

收集记录评价生产区域的资料。

8.3.2 现场勘察

在评价实施过程中，评价机构应定期对生产区域进行勘察，实地勘察均需拍照留档。

8.3.3 评价结果

包括评价报告、证书、标志。

8.4 样品检测

由具备CMA或CNAS第三方实验室对产品进行营养成分、污染物等指标检测。

9 证书管理

9.1 第三方评价机构应在约定的时限内对通过评价的申请组织或单位出具植物基食品评价证书。组织或单位获得证书后，可使用植物基食品标识。

9.2 植物基食品标识有效期与证书一致，为 3 年。

9.3 应建立证书公示系统，供社会各界公开查询。

10 评价标识

10.1 标识应符合 GB 28050 的规定和本标准要求执行，对符合本文件要求的产品，经评价可使用植物基食品标识。



图1 植物基食品标识

11 标识使用及保护

11.1 获得植物基食品评价证书的组织或单位应在经营活动中，在其获得项目范围和期限内，在相关的包装、装潢、说明书、经营场所、广告宣传以及有关材料中规范使用植物基标识。

11.2 植物基食品评价证书有效期截止前，企业应提前 3 个月向第三方评价机构申请复审。逾期未申请复审的，视为自动放弃授权标识使用资格。

11.2 对仿冒植物基食品标识等相关侵权行为，应通过法律途径依法维权。

12 监督管理

12.1 第三方评价机构可通过年度检查、专项检查等方式，对获得证书的产品实施有效的跟踪调查，按照调查结果做出证书的保持、暂停或者撤销等决定。

12.2 获得组织或单位主动放弃植物基标识使用权的，应及时申请注销。

附录 A
(资料性)
植物基食品产品名称参考目录

表A.1 植物基食品产品名称参考目录表

植物基肉制品	植物肉肠、植物午餐肉、植物肉丸、植物汉堡肉饼、植物牛肉碎、植物猪肉糜、植物鸡肉块/鸡块、素肠、素鸡、素鸭、素鹅、素火腿等；
植物基蛋制品	植物蛋液、植物蛋黄酱、素蛋等；
植物基奶制品	植物蛋白粉、植物奶、植物酸奶、植物奶酪、植物基奶油、植物基炼乳豆奶、素奶、素酸奶、燕麦奶、杏仁奶、椰奶、巴旦木奶、豌豆奶、藜麦奶等；
其他	植物基冰淇淋、植物蛋白棒等。

附 录 B
(资料性)
植物基食品评价申请书

表 B.1 植物基食品评价申请书

申请单位全称			
通讯地址			
法人代表		单位性质	
联系人		联系电话	
E-mail			
产品名称			
品牌			
产品执行标准			
产量、规模、规格			

首次申请 再次申请

申请人/单位（盖章）： _____

评价机构： _____

申报日期： _____

English version

General Requirements for the Evaluation of Plant-Based foods

1 Scope

This document specifies the evaluation principles, requirements for evaluation bodies and personnel, evaluation basis, evaluation procedures, post-evaluation management, and management of evaluation certificates and logos for plant-based foods.

This document is applicable to the evaluation or certification of plant-based foods.

2 Normative References

The following documents contain provisions which, through normative reference in this text, constitute essential provisions of this document. For dated references, only the edition cited applies. For undated references, the latest edition (including any amendments) applies.

GB 28050 National Food Safety Standard - General Rules for Nutrition Labeling of Prepackaged Foods

3 Terms and Definitions

For the purposes of this document, the following terms and definitions apply.

3.1

plant-based foods

Foods made from plant-based ingredients (including algae and fungi) or their processed products as sources of protein, fat, etc., with or without the addition of other ingredients, processed through certain techniques, and possessing one or more characteristics resembling the form, flavor, texture, etc., of certain animal-derived foods.

4 Evaluation Principles

4.1 Scientific Rigor

Evaluation shall be conducted based on relevant standards and documents, grounded in nutrition science and food engineering, utilizing quantifiable indicators.

4.2 Impartiality

The evaluation standards, processes, and results shall be made public, subject to social supervision. Evaluation work shall be carried out by impartial third-party evaluation bodies.

5 Basic Requirements

5.1 Plant-based foods must not contain animal-derived ingredients.

5.2 Microorganisms and microorganism-derived ingredients involved in the processing of plant-based foods shall be limited to the strains approved by the national food safety standards and the health administrative department of the State Council.

5.3 Plant-based foods may be used as raw materials for further processing or manufacturing of other foods.

6 Requirements for Evaluation Bodies and Personnel

6.1 Evaluation bodies should possess qualifications for food testing or certification.

6.2 Evaluation bodies shall make public information such as basic evaluation specifications, evaluation rules, and fee standards.

6.3 Evaluation bodies shall record the evaluation process and archive the records for preservation.

6.4 Evaluation bodies shall issue evaluation conclusions promptly and ensure their objectivity and authenticity.

6.5 Personnel engaged in plant-based evaluation activities (hereinafter referred to as evaluators) shall possess the necessary personal qualities; evaluators should have a background in nutrition science or food science and have completed specialized plant-based training.

6.6 Evaluators should preferably be qualified as voluntary product certification inspectors.

6.7 Evaluation bodies must be independent from production enterprises to avoid conflicts of interest.

7 Evaluation Basis

7.1 Relevant product technical standards for plant-based products; the naming of plant-based products may refer to Appendix A.

7.2 Product test reports, preferably including testing for animal-derived components.

8 Evaluation Procedures

8.1 Evaluation Application

8.1.1 Conditions that the evaluation client shall meet

- a) Hold registered legal entity status;
- b) Obtain necessary administrative licenses;
- c) Hold a registered trademark;
- d) Product quality shall comply with national mandatory technical specifications and relevant laws, regulations, and safety and health standards of the People's Republic of China.

8.1.2 Documents and materials that the evaluation client shall submit

- a) Copies of legal business qualification documents, such as production license, business license, etc.;
- b) Brand trademark certificate or authorization letter from the trademark registrant, supporting documents for obtained qualifications, evaluations, honors;

- c) Basic information about the evaluation client and its production and processing;
- d) Name, address, contact information of the evaluation client;
- e) Product name, brand, output value, specifications of the plant-based product applying for evaluation; description of typical plant-based characteristics; quantity of evaluation logos applied for and product packaging specifications, etc.;
- f) Plant-Based Food Evaluation Application Form, see Appendix B.

8.2 Application Acceptance

8.2.1 Evaluation bodies shall at least make the following information public:

- a) Scope of evaluation qualifications and validity period;
- b) Evaluation procedures and requirements;
- c) Evaluation basis;
- d) Evaluation fee standards;
- e) Rights and obligations of the evaluation body and the evaluation client;
- f) Requirements for certified organizations to use the plant-based evaluation logo, evaluation certificate, and the evaluation body's logo or name;
- g) Verification of production environment, cross-contamination prevention measures (e.g., dedicated production lines), and storage conditions.

8.2.2 Application Review

For evaluation clients who meet the requirements, the evaluation body shall review the submitted application documents and materials within 10 working days according to the plant-based food evaluation specifications and procedures, and maintain evaluation records to ensure:

- a) The evaluation requirements are clearly defined, documented, and understood;
- b) Any differences in understanding between the evaluation body and the evaluation client are resolved;
- c) The evaluation body has the capability to conduct the evaluation for the plant-based product applied for.

8.2.3 Handling of Review Results

If the application documents are complete and the on-site inspection meets the requirements, the evaluation application shall be accepted. If the application is rejected, the evaluation client shall be notified in writing, stating the reasons.

8.3 Evaluation Process

8.3.1 Data Collection

Collect and record information on the production area.

8.3.2 On-site Inspection

During the evaluation implementation, the evaluation body shall periodically inspect the production area; all on-site inspections must be documented with photographs.

8.3.3 Evaluation Results

Includes evaluation report, certificate, and logo.

8.4 Sample Testing

Testing of nutrients, contaminants, and other indicators shall be conducted by a third-party laboratory with CMA or CNAS accreditation.

9 Certificate Management

9.1 The third-party evaluation body shall issue the Plant-Based Food Evaluation Certificate to the applying organization or unit that passes the evaluation within the agreed timeframe. After obtaining the certificate, the organization or unit may use the plant-based food logo.

9.2 The validity period of the plant-based food logo is consistent with that of the certificate, which is three years.

9.3 The certificate public inquiry system shall be established to allow public access for verification by all sectors of society.

10 Evaluation label

10.1 The label shall comply with the provisions of GB 28050 and the requirements of this standard. Products that meet the requirements of this document may use the plant-based label upon evaluation.



Figure 1 Plant-Based Food Label

11 Use and Protection of the Label

11.1 Organizations or units that have obtained the plant-based evaluation certificate shall use the plant-based logo appropriately in their business activities, within the scope and validity period of their certification, on relevant packaging, decorations, instructions, business premises, advertisements, and related materials.

11.2 Before the expiration of the validity period of the plant-based food evaluation certificate, enterprises shall apply for re-evaluation to a third-party evaluation organization three months in advance. Failure to apply for re-

evaluation within the specified period shall be deemed as automatically forfeiting the qualification to use the logo.

11.3 Infringement acts such as counterfeiting the plant-based logo shall be legally pursued through legal channels to protect rights.

12 Supervision and Management

12.1 Third-party evaluation organizations may conduct effective follow-up inspections on certified products through annual inspections, special inspections, etc., and make decisions on maintaining, suspending, or revoking the certificate based on the inspection results.

12.2 If an organization or unit voluntarily relinquishes the right to use the plant-based label, it shall promptly apply for cancellation.

Appendix A

(Informative)

Reference Catalog of Product Names for Plant-Based Foods

Table A.1 Reference Catalog of Product Names for Plant-Based Foods

Plant-Based Meat Products	Plant-Based Meat Sausage, Plant-Based Luncheon Meat, Plant-Based Meatballs, Plant-Based Burger Patty, Plant-Based Ground Beef, Plant-Based Pork Mince, Plant-Based Chicken Chunks/Nuggets, Vegetable Sausage, Vegetable Chicken, Vegetable Duck, Vegetable Goose, Vegetable Ham, etc.
Plant-Based Egg Products	Plant-Based Liquid Egg, Plant-Based Mayonnaise, Vegetable Egg, etc;
Plant-Based Dairy Products	Plant-Based Protein Powder, Plant-Based Milk, Plant-Based Yogurt, Plant-Based Cheese, Plant-Based Cream, Plant-Based Condensed Milk, Soy Milk, Vegetable Milk, Vegetable Yogurt, Oat Milk, Almond Milk, Coconut Milk, Almond Milk , Pea Milk, Quinoa Milk, etc.
Others	Plant-Based Ice Cream, Plant-Based Protein Bar, etc.

Appendix B

(Informative)

Plant-Based Food Evaluation Application Form

Table B.1 Plant-Based Food Evaluation Application Form

Full Name of Applicant Organization			
Mailing Address			
Legal Representative		Organization Type	
Contact Person		Contact Number	
E-mail			
Product Name			
Brand			
Product Implementation Standard			
Output, Scale, Specifications			

Initial Application Re-application

Applicant/Organization (Seal): _____

Evaluation Body: _____

Date of Application: _____

