



International

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ISO 17317

**Biodiversity — Requirements and
guidelines for the characterization
of native species and products
derived from native species**

*Biodiversité — Exigences et lignes directrices pour la
caractérisation des espèces indigènes et des produits issus
d'espèces indigènes*

**First edition
2026-06**

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Published in Switzerland

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Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Sustainable management of natural resources	3
4.1 General	3
4.2 Biodiversity conservation and management	5
4.2.1 General	5
4.2.2 Native species collection	6
4.2.3 Cultivation of native species	6
4.2.4 Management of forests and other ecosystems	7
4.3 Conservation of aquatic systems	7
4.4 Phytosanitary measures	8
4.5 Greenhouse gas management	8
4.6 Market requirements	9
4.7 Sustainable use of native species in primary forests	9
4.8 Products derived from native species originating in forests and other ecosystems	9
4.9 Land-use changes	9
4.10 Engagement with indigenous peoples and local communities	10
4.11 Land tenure and rights	10
4.12 Respect and conservation of traditional knowledge and practices	10
5 Prioritization of the product: Risks and opportunities from a market perspective	10
5.1 General	10
5.2 Market analysis	11
5.3 Market intelligence	12
6 Product characterization	13
6.1 General	13
6.2 Literature review and systematization	13
6.2.1 General	13
6.2.2 Step one: Botanical and fungi identification	14
6.2.3 Step two: Prospecting	14
6.2.4 Step three: Properties	15
6.2.5 Step four: Databases	16
6.3 Identifying Native species and products derived from native species	17
6.3.1 General	17
6.3.2 Morphology and physical characteristics	18
6.3.3 Composition	18
6.3.4 Sensory characteristics	19
6.3.5 Microbiology	19
6.3.6 Contaminants	19
6.4 Methodology	20
6.4.1 Methodological framework for determining quality parameters and their categories	20
6.4.2 Laboratory methods and metrology	26
6.5 Documents and publication of results	27
7 Biodiversity-responsible value chain	27
7.1 Monitoring of biodiversity	27
7.1.1 General	27
7.1.2 Monitoring biodiversity	29
7.1.3 Monitoring of biodiversity performance of the supply chain	29
7.2 Respecting limit values to avoid overexploitation	30

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7.5	Information and awareness raising of consumers.....	31
Annex A (informative)	Good practices and tools for measuring elements of biodiversity, and collecting species and ecosystem data.....	32
Bibliography		35

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This document was prepared by Technical Committee ISO/TC 331, *Biodiversity*.

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This document was developed to characterize native species and products derived from native species, with the aim of enhancing the sustainable collection, harvesting, or production of these products and the conservation of their ecosystems. This document is aimed at farmers, producers, exporters, importers, authorities, indigenous peoples, and local communities, containing information on quality infrastructure to support efforts in biodiversity conservation. Native species are part of “natural capital” and their commercialization can only be assured on a long-term basis if the multilateral environmental agreements^[24] related to biodiversity are fully implemented. Furthermore, it is recommended that local communities be included in the commercialization process.

There is strong global demand for native species and products derived from native species as their origin and natural properties support a range of applications delivering benefits in health, well-being and agri-food sector. This document describes the characterization of native species and products derived from native species, which enables the identification of physical, chemical and biological requirements, which are then provided to interested parties. These requirements allow the commercial demand for these products to be met in a sustainable manner that is compatible with conservation efforts, and which guarantees the quality and safety of the products.

Biodiversity is important for the survival of humankind and therefore, protection and sustainable management of resources that concern biodiversity are a priority. This includes the genetic value of native species and related ecosystem services. Using biodiversity resources and services in a sustainable way benefits their conservation and contributes to equitable social and economic growth.

Requirements for native species and products derived from native species can be determined in various stages of the value chain, including:

- raw material collection or production;
- transformation into end products;
- the final consumption or use of these products.

Establishing requirements for native species and products derived from native species through standardization facilitates their access to foreign markets through a systematic approach that responds to market demand.

Many products derived from native species are produced by micro, small and medium enterprises (MSMEs). Their processing and transformation provide income and economic growth opportunities. By adequately characterizing native species and products derived from native species, the creation of technical standards is supported, thus adding value in the supply chain and contributing to the sustainable growth of organizations such as MSMEs. Properly characterized native species and products derived from native species can also help to minimize market barriers and contribute to efforts for conservation and sustainable use of biodiversity resources. For a better comprehension of how this document applies to the interested parties, see [Table 1](#) and [Figure 1](#).

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Users /target audience	Clause/subclause
Farmers, aquacultures	Clause 4: Sustainable management of natural resources (excluding 4.6 and 4.9) 6.4.1: Methodological framework for determining quality parameters and their categories (excluding 6.4.1.7 and 6.4.1.11) Clause 7: Biodiversity- responsible value chain (excluding 7.5) Annex A: Good practices and tools for measuring elements of biodiversity, collecting species and ecosystem data
Producers	Clause 4: Sustainable management of natural resources (excluding 4.8, 4.10 and 4.11) Clause 5: Prioritization of the product: Risks and opportunities from a market perspective 6.3: Native species and products derived from native species identification 6.4.1: Methodological framework for determining quality parameters and their categories (excluding 6.4.1.11) Clause 7: Biodiversity- responsible value chain Annex A: Good practices and tools for measuring elements of biodiversity, collecting species and ecosystem data
Trade partners (such as exporters, among others)	4.6: Market requirements Clause 5: Prioritization of the product: Risks and opportunities from a market perspective 6.3: Native species and products derived from native species identification 6.4.1: Methodological framework for determining quality parameters and their categories (excluding 6.4.1.11) Clause 7: Biodiversity- responsible value chain (excluding 7.1.2)
Regulatory and controlling bodies	Clause 4: Sustainable management of natural resources 6.2: Literature review and systematization 6.3: Native species and products derived from native species identification 7.1: Monitoring of biodiversity (excluding 7.1.3) 7.2: Respecting limit values to avoid overexploitation Annex A: Good practices and tools for measuring elements of biodiversity, collecting species and ecosystem data
Researchers, bio-prospectors and academic institutions	Clause 4: Sustainable management of natural resources (excluding 4.2 and 4.6) Clause 5: Prioritization of the product: Risks and opportunities from a market perspective Clause 6: Product characterization (excluding 6.4.2) A.2: Best practices for collecting species and ecosystem data

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Users /target audience	Clause/subclause
Indigenous peoples and local communities	Clause 4 . Sustainable management of natural resources (excluding 4.2 and 4.6) 7.1 : Monitoring of biodiversity (excluding 7.1.3) 7.2 : Respecting limit values to avoid overexploitation
Consumers	4.6 : Market requirements 6.3 : Native species and products derived from native species identification 7.5 : Information and awareness raising of consumers
Laboratories, metrology institutes, conformity assessment bodies	6.2.4 : Step three: Properties 6.4.2 : Laboratory methods and metrology 6.5 : Documents and publication of results

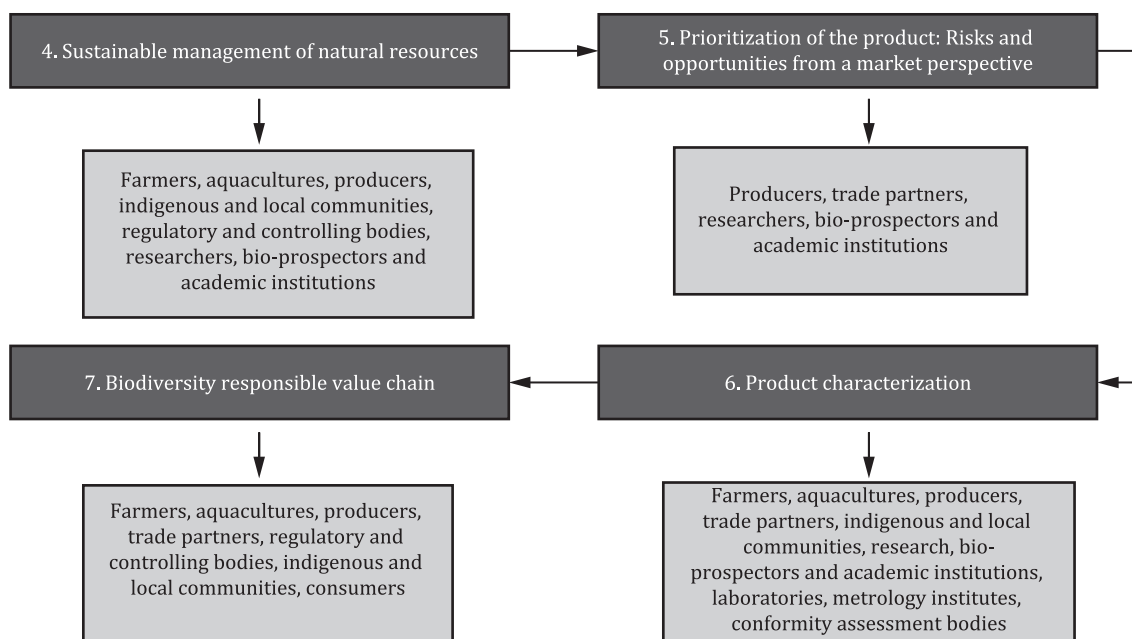


Figure 1 — Relationship between the clauses of this document and the target audience