

Bamboo shoots - Proposed inspection method pack

Proposed order inspection plan | Bamboo shoots | As of 2026-10-16

Proposed order inspection methods. Agree the SKU, sample state, sampling plan and acceptance criteria with GreenLand and the processor before use. Source standards retain their stated scope.

This is a proposed inspection plan, not a certificate, completed test or lot result. No sample size, AQL or numeric limit is created by this document.

Woody fibre

Method status: proposed-contract-method. Proposed for agreement on an order; not a universal standard.

Definition

Coarse woody base or outer sheath fiber that remains hard/stringy after safe preparation; normal tender shoot fiber is excluded.

Sample state

Segment origin identified on frozen pieces; cooked evaluation only after product-specific safe bamboo-shoot preparation is validated.

Sampling approach

Record bamboo species/form and whether tip, middle and base are mixed; choose sealed packs across run and cartons. Stratify section origin when known, and count or weigh pieces before a separately approved cooked-use trial.

Inspection steps

Mark tip/middle/base; cut across fibers; after validated processing, score chew resistance or instrumental shear against signed reference.

Calculation or reproducible observation

Woody pieces / cooked inspected pieces x 100%; shear force N with cut direction and geometry recorded.

Proposed control response

Trim basal and outer sheath tissue; segregate raw shoot maturity and section.

Evidence to retain

Segment map, cut/cooked photos, approved safety-process trace and coded texture scores.

Release or disposition

Hold application release if safe-processing status is unproven or agreed woody fraction fails.

Buyer consequence

Avoids fibrous pieces in stir-fry or filling while preserving usable tips.

Source boundary

USDA/Codex/source material informs product vocabulary or risk; the stated operational calculation, control and acceptance rule are proposed for an order, not a universal standard.

Applicability and use boundary

For this proposed order method, we would confirm the SKU, sample condition, signed acceptance basis and factory control with the actual processor and buyer before use. This card is not an inspected-lot result or a statement of installed GreenLand capability.

Source references

BAMBOO-FSANZ: FSANZ bamboo-shoot safety guidance; raw shoots contain cyanogenic glycosides. Scope: FSANZ bamboo-shoot safety guidance; raw shoots contain cyanogenic glycosides URL: <https://www.foodstandards.gov.au/consumer/prevention-of-foodborne-illness/cassava>

Tip, middle and base portions

Method status: proposed-contract-method. Proposed for agreement on an order; not a universal standard.

Definition

Tip, middle and base are anatomical sections with different cut and texture behavior; label section mix rather than treating all color variation as defect.

Sample state

Frozen slice/dice section visible where possible; retain raw-section mapping for ambiguous cuts.

Sampling approach

Record bamboo species/form and whether tip, middle and base are mixed; choose sealed packs across run and cartons. Stratify section origin when known, and count or weigh pieces before a separately approved cooked-use trial.

Inspection steps

Classify by documented production section mapping and morphology; weigh each section; perform matched approved cooked-use trial if buyer needs texture choice.

Calculation or reproducible observation

Section mix = net mass of each section / total classified sample mass x 100%; unclassified mass stated separately.

Proposed control response

Control section segregation and blending at cutting/packing.

Evidence to retain

Raw-section photos, traceable bins, weighed mix and buyer reference set.

Release or disposition

Release against signed section mix for application; no assumed universal tip/base ratio.

Buyer consequence

Supports premium appearance versus cost and texture decisions.

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Spots and trimming

Method status: proposed-contract-method. Proposed for agreement on an order; not a universal standard.

Definition

Natural cream/yellow bamboo-shoot tone, exposed-cut browning and localized pathological stain are separate categories.

Sample state

Frozen exterior plus standard controlled thaw and split of suspect pieces; no raw tasting.

Sampling approach

Record bamboo species/form and whether tip, middle and base are mixed; choose sealed packs across run and cartons. Stratify section origin when known, and count or weigh pieces before a separately approved cooked-use trial.

Inspection steps

Photograph cut face on neutral card at fixed interval; separate diffuse browning from penetrating/soft spots and compare signed natural-color sample.

Calculation or reproducible observation

Each color category pieces / inspected pieces x 100%; optional L*a*b* readings from a defined cut-face point.

Proposed control response

Control cut-to-treatment delay and trim suspect raw tissue; investigate treatment deviations.

Evidence to retain

Timed photos with scale/color card, section origin, cross-section and treatment record.

Release or disposition

Hold penetrating/soft/unknown tissue for safety review; cosmetic color judged by signed application sample.

Buyer consequence

Reduces false claims that normal bamboo color is spoilage.

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Cut consistency

Method status: proposed-contract-method. Proposed for agreement on an order; not a universal standard.

Definition

Slice thickness or dice edge and fiber direction are separate attributes; a long basal fiber may survive a nominally correct cut.

Sample state

Firm frozen piece, identified section and cutting orientation.

Sampling approach

Record bamboo species/form and whether tip, middle and base are mixed; choose sealed packs across run and cartons. Stratify section origin when known, and count or weigh pieces before a separately approved cooked-use trial.

Inspection steps

Measure slice thickness normal to faces or three dice edges; note whether long fiber is parallel to the longest product dimension.

Calculation or reproducible observation

Dimensions in mm distribution; off-band pieces / intact measured pieces x 100%; long-fiber-aligned pieces / inspected pieces x 100%.

Proposed control response

Tune blade spacing and feed orientation; route woody bases to another cut/trim.

Evidence to retain

Caliper readings, orientation/section photos and cutter setting.

Release or disposition

Hold/regrade against signed size and orientation requirements; neither replaces cooked fiber result.

Buyer consequence

Matches bite size and cooking consistency to buyer equipment.

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Texture after safe preparation

Method status: proposed-contract-method. Proposed for agreement on an order; not a universal standard.

Definition

Crisp/tender versus rubbery/hard mouthfeel and usable intact yield after safe bamboo-shoot processing; these are application outcomes.

Sample state

Frozen split lots prepared by a product-specific validated cyanogenic-glycoside control process and then buyer application; do not taste unprocessed or inadequately processed shoots.

Sampling approach

Record bamboo species/form and whether tip, middle and base are mixed; choose sealed packs across run and cartons. Stratify section origin when known, and count or weigh pieces before a separately approved cooked-use trial.

Inspection steps

Document species, pre-treatment, validated cooking endpoint and discard-water handling as applicable; only then run blinded texture evaluation and intact-yield count.

Calculation or reproducible observation

Coded sensory score or shear N with geometry; usable cooked pieces / input pieces x 100%, cooked mass yield g/g reported separately.

Proposed control response

Review raw species/age, basal trim and the validated process; do not shorten safety treatment to preserve crispness.

Evidence to retain

Safety validation and lot execution records, preparation conditions, panel coding and weights.

Release or disposition

No sensory or shipment release without product-specific safety validation and signed use specification.

Buyer consequence

Balances eating quality with cyanogenic-glycoside control.

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