

DOCUMENT CODE ALB-TDS-003	REVISION 00	EFFECTIVE DATE 28 Oct 2026	STATUS Issued	PAGES 4
------------------------------	----------------	-------------------------------	------------------	------------

PACKAGING MATERIAL SPECIFICATION

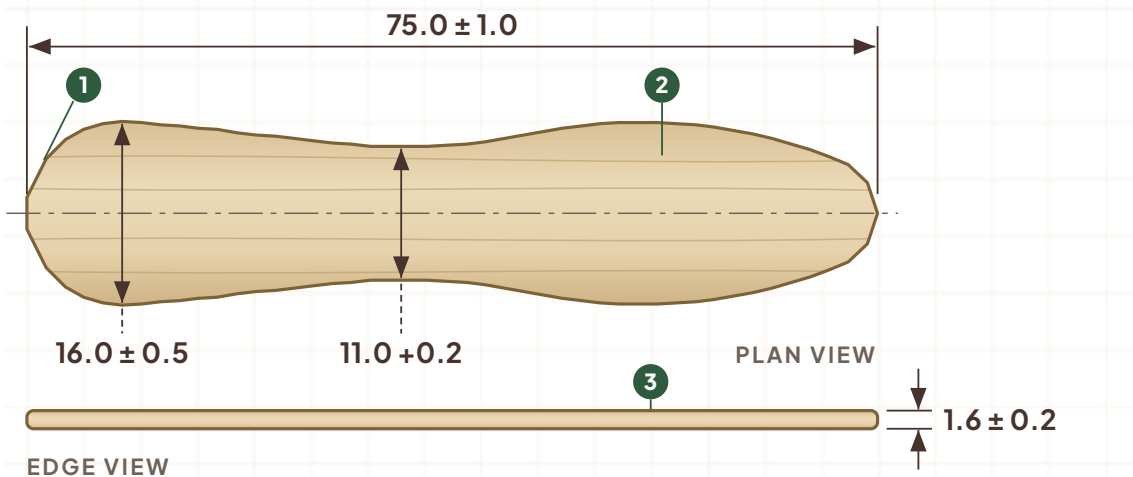
Wooden ice cream spoon 75 mm

Oval birch wood spoon with round, clean edges, for ice cream cups of 60 and 100 ml.

 MATERIAL Birch hardwood, FSC® certified	 FINISH Polished, paraffin wax-coated	 APPLICATION Ice cream cups, 60 and 100 ml	 PACKING Strips of 6, 12,000 per carton
---	--	---	--

Dimensions and tolerances

Units: mm · Scale 1.5 : 1 when printed on A4 at 100 %



- 1** Round, clean edges **2** Smooth surface, free from splinters **3** Food-grade paraffin wax coating

The 16 mm end is used as the spoon; the 11 mm waist is where the spoon is held. The outline shows the shape; the dimensions are the specification.

1 Product description

1.1	Material name	Wooden ice cream spoon 75 mm
1.2	Description	Wooden spoon for ice cream cups of 60 and 100 ml, placed by hand
1.3	Material type	Wax-coated birch wood, from FSC® certified wood
1.4	Delivered form	Each spoon wrapped in paper, in strips of 6, packed in corrugated cartons
1.5	Shape and finish	Oval, with round clean edges; smooth surface without splinters
1.6	Printing	Unprinted, or hot-stamp branding as per approved artwork
1.7	Wax type	Food-grade paraffin wax
1.8	Composition	Not applicable: no formulated ingredients, additives or processing aids

QUALITY SPECIFICATION

Limits every delivery must meet

2 Physical characteristics

Accept Reject Target

PROPERTY	SPECIFICATION	ACCEPTANCE RANGE	OUT OF SPEC
Length Overall, end to end	75.0 ± 1.0 mm		Critical
Spoon end width Wide end, used as the spoon	16.0 ± 0.5 mm		Critical
Waist width Where the spoon is held	11.0 +0.2 mm		Critical
Thickness Face to face	1.6 ± 0.2 mm		Critical
Warp Bow along the length	≤ 2.8 mm		Critical
Zigzag Sideways bend of the edge	≤ 2.8 mm		Critical
Moisture content Of the finished spoon	8 – 12 %		Major

How warp and zigzag are read Bends exaggerated

Warp



Zigzag



Appearance and finish

- ✓ Oval spoon with round, clean edges
- ✓ Smooth surface, no splinters (**critical**)
- ✓ Even wax and polish, no friction (**major**)
- ✓ Unprinted, or clear hot-stamp branding (**light stamp: minor**)

3 Microbiological characteristics

Any result beyond limit: **critical defect**

Total count

< 10,000 cfu per mL

E. coli

Absent per mL

Listeria

Absent per mL

Staphylococci

< 3 MPN per g

Streptococci

Not found in 25 g

Yeast and moulds

< 10 cfu per g

Salmonella

Not found in 25 g

Coliform bacteria

< 3 MPN per g

4 Chemical characteristics

33

As

Arsenic

< 5 ppm

82

Pb

Lead

< 10 ppm

QUALITY ASSURANCE

Acceptance criteria and process control

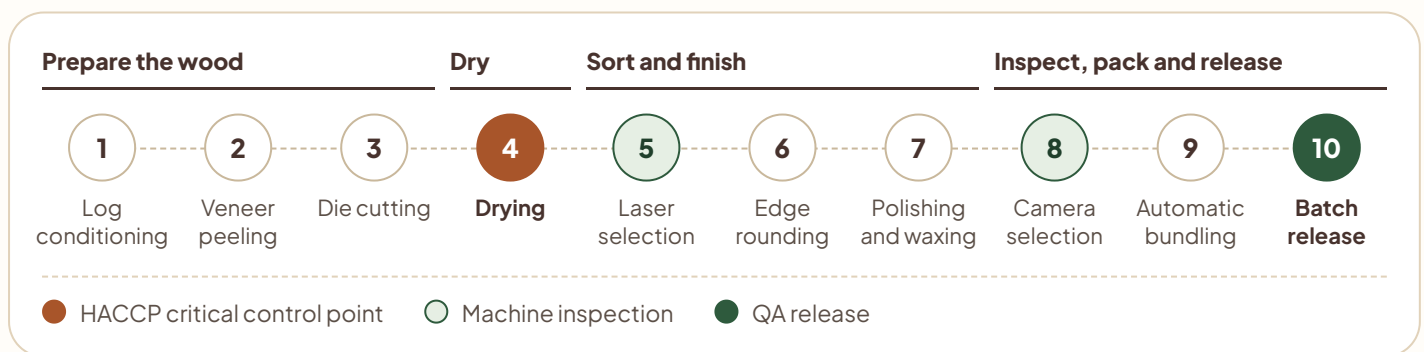
5 Defect classification and AQL

Defects are classed by their effect on food safety and on the customer's line. Each class has its own acceptable quality limit (AQL).

CRITICAL DEFECTS 0.15 % AQL	MAJOR DEFECTS 1.5 % AQL	MINOR DEFECTS 4.0 % AQL
Cannot be used, or will cause machine stoppage or a food safety concern. - Wrong dimensions - Warp beyond 2.8 mm - Zigzag beyond 2.8 mm - Splinters - Microbiological results beyond the limits in section 3	Can be used, but will cause significant loss of machine efficiency. - Moisture outside specification - Poor wax or polish finish, causing friction and line stoppage	No problem in use, but the material is unsatisfactory overall. Light or faint stamped branding

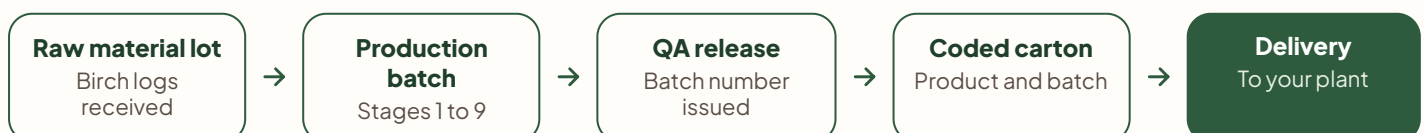
6 Method of production

From birch log to released batch in ten stages, at our FSSC 22000 certified facility in Hub, Balochistan.



 HACCP plan Drying is the critical control point, monitored by moisture content.	 Machine inspection Two checks on the line: laser sorting and camera grading.	 Batch release QA releases each batch against a checklist, with a batch number.	 Traceability Batch number links each carton to its raw material lot and delivery.
--	---	---	--

TRACEABILITY CHAIN



SUPPLY AND COMPLIANCE

Packing, storage and compliance

7 Packing and delivery



× 6



× 2,000



12,000 spoons

CARTON MARKING
Albizco Industries (Pvt) Ltd
 Wooden ice cream spoon 75 mm
 Quantity: 12,000 pcs
 Batch no.: _____

Spoons per strip	6 pcs	Orientation	Placed horizontally in the carton
Units per carton	12,000 pcs (2,000 strips)	Carton coding	Supplier mark and batch number
Packing	Paper-wrapped, sealed carton	Delivery	Closed, covered vehicle

8 Storage and usage conditions


TEMPERATURE
+5 to +30 °C



MOISTURE
8 to 12 %



STORAGE METHOD
Hygienic
 In the sealed cartons as delivered


IN USE
By hand
 Manual placement with 60 and 100 ml cups

9 Statutory and regulatory requirements

Food-contact compliance

US

FDA food-contact regulations

JP

Food Sanitation Act, food packaging standards

Materials, including raw materials, meet the applicable requirements of:

EU

Regulation (EC) No 1935/2004 on food-contact materials

DE

BfR (formerly BGA) food packaging recommendations

CERTIFIED FACILITY

FSSC 22000
 GFSI food safety

ISO 9001:2015
 Quality system

FSC®
 Chain of Custody

SMETA
 4-Pillar audit

Halal
 Certified

YUMS
 Approved supplier

10 Document approval

Rev 00 · 28 Oct 2026 · First issue

PREPARED BY

Name and signature

Date

REVIEWED BY

Name and signature

Date

APPROVED BY

Name and signature

Date

Changes to materials, process or dimensions are agreed with the customer before supply. Uncontrolled when printed.