SILK FOODS CEYLON

CERTIFICATE OF ANALYSIS (COA)

Company Information

Manufacturer	Silk Foods Ceylon (Pvt) Ltd
Exporter	E-Silk Route Ventures (Pvt) Ltd
Address	Silk Ag Tech Park, Hapugasyaya, Nalanda, Matale, Sri Lanka
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Product Information

Document No.	SFC/COA/FR-GRNPP/2026/01
Product	Green Papaya Powder
Botanical Name / Source	*Carica papaya L. (unripe)*
Country of Origin	Sri Lanka
Operation Type	Manufacturing — full in-house process per the QA-approved Process Flow Master Document
Batch No.	SFC-FRGRNPP-25071
Manufacturing Date	12 March 2025
Expiry Date	12 March 2027

Storage and Handling Instructions

- Store in a cool, dry place at ambient temperature (15–25 °C), relative humidity below 65 %.
- Protect from direct sunlight, heat sources, moisture, strong odours and pests.
- Handle using clean, dry, and appropriate utensils to prevent contamination.
- Once opened, reseal tightly and consume within a reasonable period.

Physical & Organoleptic Analysis

Parameter	Specification / Result
Appearance	Fine free-flowing powder
Colour	Pale green-cream fine powder
Odour	Mild, characteristic green papaya
Taste	Mild, slightly tart

Chemical Analysis

Parameter	Result
Moisture (%)	3.5 %
Water Activity (aw)	0.22
pH (10 % solution)	5.0
Total Ash (%)	2.8 %
Particle Size	98 % pass 80-mesh
Pesticide Residues	Compliant — all residues below MRL

Heavy Metal Analysis

Parameter	Result
Lead (Pb)	0.011 mg/kg
Cadmium (Cd)	0.006 mg/kg
Arsenic (As)	0.03 mg/kg
Mercury (Hg)	0.003 mg/kg

Microbiological Analysis

Parameter	Result
Total Plate Count	6.0×10^2 CFU/g
Yeast & Mould	40 CFU/g
Escherichia coli	Not detected
Total Coliforms	< 10 CFU/g
Salmonella spp.	Not detected
Staphylococcus aureus	Not detected
Listeria monocytogenes	Not detected / 25 g
Bacillus cereus	$< 1 \times 10^2$ CFU/g

Mycotoxin Analysis

Parameter	Result
Aflatoxin B1	0.5 µg/kg
Ochratoxin A	1.4 µg/kg
Aflatoxin Total	1.2 µg/kg

Pesticide Residue Analysis

Parameter	Result
Total Pesticide Residue (multi-residue scan)	Compliant — all residues below MRL

Authorization

Report Prepared By	Manager Quality Assurance / R&D
Report Approved By	Factory Manager
Date of Issue	31 March 2025
Revision	2026 V1.1
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