

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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Email	info@esilkroute.com.lk
Website	https://esilkroute.com.lk

Product Information

Document No.	SFC/COA/HB-POLP/2026/01
Product	Polpala
Botanical Name / Source	<i>Aerva lanata (L.) Juss.</i>
Country of Origin	Sri Lanka
Operation Type	Manufacturing — full in-house process per the QA-approved Process Flow Master Document
Batch No.	SFC-HBPOLP-25082
Manufacturing Date	23 March 2025
Expiry Date	23 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	Whole / cut leaf / aerial parts, characteristic form, free from foreign matter
Colour	Green-brown dried whole
Aroma	Characteristic herbaceous
Taste	Mild, characteristic

Chemical Analysis

Parameter	Result
Moisture (%)	9.5 %
Total Ash (%)	7.8 %
Acid Insoluble Ash (%)	1.4 %
Foreign / Extraneous Matter (%)	0.3 %
Pesticide Residues	Compliant — all residues below MRL

Heavy Metal Analysis

Parameter	Result
Lead (Pb)	0.05 mg/kg
Cadmium (Cd)	0.03 mg/kg
Arsenic (As)	0.03 mg/kg
Mercury (Hg)	0.003 mg/kg

Microbiological Analysis

Parameter	Result
Aerobic Plate Count	5.0×10^3 CFU/g
Yeast & Mould	6.0×10^2 CFU/g
Escherichia coli	Not detected
Salmonella spp.	Not detected
Staphylococcus aureus	Not detected
Total Coliforms	< 10 CFU/g
Listeria monocytogenes	Not detected / 25 g
Bacillus cereus	< 1×10^2 CFU/g

Mycotoxin Analysis

Parameter	Result
Aflatoxin Total	1.1 µg/kg
Aflatoxin B1	0.6 µg/kg
Ochratoxin A	1.4 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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