

TECHNICAL SPECIFICATIONS 2026

THE GOLDEN BRIDGE: TURMERIC FINGERS & POWDER

High-Curcumin Botanicals Sourced from the Heart of Indian Spice Belts

6.5%

MAX CURCUMIN



100

MESH PRECISION



99.9%

PURITY LEVEL



EKAKSH INTERNATIONAL

VARIETAL PROFILE & CURCUMIN POTENCY

Alleppey Finger



Origin: Kerala/South India

Curcumin: 5.5% - 6.5%

5.5%

Rajapuri



Origin: Maharashtra

Curcumin: 3.5% - 4.5%

Madras Finger



Origin: Tamil Nadu

Curcumin: 3.0% - 3.5%

Nizamabad



Origin: Telangana

Curcumin:
2.5% - 3.0%

Erode



Origin: Tamil Nadu

Curcumin:
3.0% - 3.5%



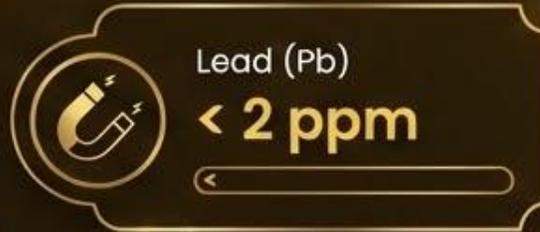
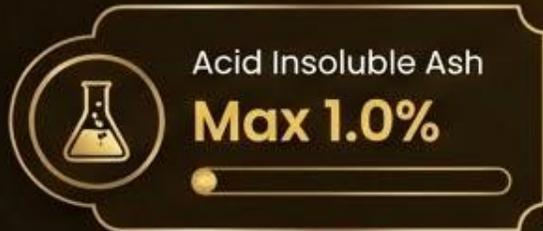
↳ Alleppey Finger is our premium grade, primarily used for curcumin extraction and pharmaceutical applications.

TECHNICAL DATA SHEET: TURMERIC FINGERS

Parameter	Standard Export Grade	Premium (Double Polished)
Length	30mm — 80mm	50mm — 90mm
Thickness (Diameter)	10mm — 25mm	15mm — 25mm
Polishing	Single Polished	Double Polished (Machine)
Bulbs / Fingers Ratio	Min 95% Fingers	Min 98% Fingers
Defective Rhizomes	Max 2.0%	Max 1.0%
Extraneous Matter	Max 0.5%	Max 0.2%

CHEMICAL COMPOSITION & LABORATORY METRICS

CHEMICAL PARAMETERS (Fingers & Powder)



Precision Analysis in our Certified Laboratory

COA: MICROBIOLOGICAL & SAFETY COMPLIANCE

Microbiological Test	Standard Limits (ESA/ASTA)	Ekaksh Guaranteed Levels
Total Plate Count	< 10 ⁶ cfu/g	< 50,000 cfu/g
Salmonella	Absent in 25g	Negative / Absent
E. Coli	< 10 cfu/g	< 3 cfu/g (Negative)
Yeast & Mold	< 10 ⁴ cfu/g	< 1,000 cfu/g
Staphylococcus Aureus	Absent in 1g	Absent
Aflatoxin (B1, B2, G1, G2)	Max 10 ppb	Max 5 ppb

*Note: Steam Sterilization treatment is available for ultra-low microbial counts for the pharmaceutical industry.

TURMERIC POWDER: MESH SIZE PRECISION



60 Mesh (Coarse)

Primary use in spice blends and commercial curry powder formulations.



80 Mesh (Fine)

Standard for retail packaging, culinary use, and food processing (Coloring/Flavoring).



100 — 120 Mesh (Ultra-Fine)

Specially designed for Pharmaceutical Capsules and Curcuminoid extraction processes.

INDUSTRIAL EXCELLENCE

Our production facilities utilize modern technology to preserve the high volatile oil content and curcumin during grinding.



Cryogenic Grinding
(Preserves Curcumin & Volatile Oils)



Steam Sterilization Unit
Ensures Microbiological Safety



Triple-Stage Magnetic Separators
Removes Metallic Impurities



Clean-Room Packing Environment
Hygienic & Controlled Packaging



ZERO TOLERANCE POLICY

We ensure our golden spice is free from the two most common industry adulterants:



Lead Chromate

Strict negative results in chromate tests. No artificial coloring agents allowed.



Sudan Dye

Certified free from Sudan I, II, III, and IV dyes (HPLC tested).



Starch & Ash

Controlled total ash content prevents sawdust or starch adulteration.

EXPORT COMPLIANCE & LOGISTICS

Ensuring Seamless Global Trade & Quality Assurance

Packaging Standards



Powder: 25kg / 50kg
Multi-layer Kraft Paper
Bags with PE Inner Liners.



Fingers: 25kg / 50kg
Jute / PP Bags.



Custom: 900kg / 1000kg
Jumbo Bags available for
industrial buyers.



Documentation Checklist



Certificate of Analysis
(Lab Tested)



Phytosanitary Certificate



Fumigation Certificate



Bill of Lading / Airway Bill



Packing List & Commercial
Invoice



Insurance Documents

WHY PARTNER WITH EKAKSH INTERNATIONAL?

“Transparency in Data. Excellence in Botanicals.”



Tech Authority

We analyze every batch for Curcuminoid composition using HPLC standards.



Fresh Supply

Current season harvest guaranteed. No aged/oxidized stocks shipped.



Custom Specs

From 2.5% to 6.5% curcumin, we blend to meet your precise technical requirements.

READY TO SHIP

Contact us today for Technical Data Sheets & Samples



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