



TECHNICAL DATA SHEET (TDS)

Product: Turmeric – Whole Polished, Whole Unpolished & Powder

Product Description

Description
Turmeric (<i>Curcuma longa</i> L.) is obtained from the dried rhizomes of the turmeric plant and is widely used as a spice, natural coloring agent, and food ingredient. The product is carefully cleaned, processed, and packed under hygienic conditions to preserve its natural color, aroma, and quality. Available in Whole Finger (Polished), Whole Finger (Unpolished), and Powder forms, it is suitable for food processing, seasoning, spice blends, and export markets.

Product Information

Parameter	Specification
Product Name	Turmeric
Botanical Name	<i>Curcuma longa</i> L.
Country of Origin	India
HSN Code (Turmeric Whole Dried)	09103020
HSN Code (Turmeric Powder)	09103030
Product Variants	Whole Turmeric Finger (Polished), Whole Turmeric Finger (Unpolished), Turmeric Powder
Grade	Export Quality

Organoleptic Characteristics

Parameter	Specification
Appearance	Characteristic
Color	Yellow to Deep Orange
Odor	Characteristic Aromatic
Taste	Characteristic Turmeric Flavor

Physical & Chemical Parameters

Parameter	Specification
Curcumin Content	2.5% – 6%
Moisture	Max. 10%
Total Ash	Max. 9%
Acid Insoluble Ash	Max. 1.5%

Extraneous Matter	Max. 0.5%
Foreign Matter	Max. 0.5%

Whole Turmeric Finger (Polished)

Parameter	Specification
Surface	Uniformly Polished
Insect Infestation	Nil
Moldy Pieces	Max. 1%
Damaged Pieces	Max. 2%

Whole Turmeric Finger (Unpolished)

Parameter	Specification
Surface	Natural Unpolished
Insect Infestation	Nil
Moldy Pieces	Max. 1%
Damaged Pieces	Max. 2%

Turmeric Powder Specifications

Parameter	Specification
Mesh Size	80 – 100 (As per Buyers Requirement)
Curcumin Content	2.5% – 6.0%
Moisture	Max. 10%
Foreign Matter	Nil

Microbiological Parameters

Parameter	Specification
Total Plate Count	Max. 1,000,000 CFU/g
Yeast & Mold	Max. 10,000 CFU/g
E. coli	Absent/g
Salmonella	Absent in 25g
Staphylococcus Aureus	Absent/g

Heavy Metals

Parameter	Specification
Lead (Pb)	≤ 5 ppm
Arsenic (As)	≤ 3 ppm
Cadmium (Cd)	≤ 1 ppm
Mercury (Hg)	≤ 0.1 ppm

Aflatoxins

Parameter	Specification
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Total Aflatoxins	≤ 10 ppb
Aflatoxin B1	≤ 5 ppb

Food Safety Statements

Parameter	Specification
GMO Status	Non-GMO
Allergens	Allergen Free
Irradiation	Not Irradiated
BSE/TSE	Free

Packaging

Parameter	Specification
Bulk Packaging	25 Kg / 50 Kg PP Bag
Export Packaging	PP Bag, Paper Bag, Inside Poly Bag
Retail Packaging	Available as per Buyer Requirement
Private Label	Available

Container Loading Capacity

Product	Packaging	20' FCL	40' FCL
Turmeric Whole Finger	25/ 50 KG in New Jute Bag / PP Bag	17-18	27-28 MT
Turmeric Powder	25 Kg PP Bag/ Paper Bag (Inside Poly Bag)	18 MT	27-28 MT

Storage & Shelf Life

Parameter	Specification
Storage Conditions	Store in a Cool, Dry Place
Shelf Life - Whole Turmeric	24 Months
Shelf Life - Turmeric Powder	18 Months

Traceability

Parameter	Specification
Batch Number	Available
Harvest Season	As per Crop Year
Packing Date	As per Shipment Lot
Farm Traceability	Available on Request

Certifications (If Applicable)

Certification	Status
APEDA	Available
FSSAI	Available
Spice Board India	Available
ISO 22000	Available on Request

HACCP	Available on Request
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Documents Available

Document	Status
Commercial Invoice	Available
Packing List	Available
Certificate of Origin	Available
Phytosanitary Certificate	Available
Bill of Lading	Available
Fumigation Certificate	If Required
Lab Test Report	Available on Request
Third Party Inspection (SGS, Bureau Veritas, Intertek) etc.	Available on Request

Commercial Information

Parameter	Specification
MOQ	5 MT
Incoterms	FOB / CFR / CIF
Port of Loading	JNPT / Mundra / Chennai / Other Indian Ports
Origin	India

Note

Values stated above represent commercial export specifications and may vary slightly by crop season and batch. Final shipment parameters shall be supported by batch-specific laboratory reports and mutually agreed specifications.