

# Hindustan

MINT & AGRO PRODUCTS Pvt. Ltd

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A Company since 1976

DRUG LIC. (USP/BP/IP)No. 27 of 1997 WHO-GMP, US-FDA ISO-9001:2015 ISO-14001:2004 ISO-22005:2005 GLP, KOSHER, HALAL, HACCP, REACH FSSAI- Certified Company

## **TECHNICAL DATA SHEET**

**PRODUCT NAME:** Turmeric Dry Extract - 95%

**Botanical Name** : Curcuma longa

**IUPAC Name** : N/A

CAS No. : 458-37-7

Product code : HM-TURE-95C

HS Code : 13021919

EC NO. : N/A FEMA : N/A

**PROPERTIES:-**

Flash Point : N/A
Boiling Point : N/A

**DESCRIPTION:-**

Yellowish to orange color powder.

**SOLUBILITY:-**

Soluble in alcohol

#### **SPECIFICATION:-**

| SPECIFIED TEST               | SPECIFICATION  | TEST METHOD      |
|------------------------------|--|------------------|
| 1). Physicochemical          |  |                  |
| a). Appearance               | A fine powder  | Visual           |
| b). Colour                   | Yellow to orange yellow                                  | Visual           |
| c). Identification           | Sample spots should match with that of Standard.         | HPLC/TLC         |
|                              | The retention time of the peaks of Curcumin,             | HPLC/TLC         |
|                              | Desmethoxycurcumin and Bisdesmethoxycurcumin in the      |                  |
|                              | chromatogram of the test solution correspond to those in |                  |
|                              | the chromatogram of standard.                            |                  |
| d). Particle size            | NLT 95.0 % pass through 60 mesh                          | USP<786>         |
| e). pH                       | 5.0 - 7.0  | 1 % Solution w/v |
| f). Assay Total Curcuminoids | NLT 95.0 % (w/w)   | HPLC             |

#### LABELING:-

The label states whether the contents are Total Curcuminoids.

#### **HANDLING:-**

Wear safety glasses or goggles and rubber gloves when handling. If transferring to or from the container use proper grounding procedures. See Material Safety Data Sheet for full information.



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### **PACKING:-**

In new HDPE Drums of 25 Kgs. Net, packed at controlled room temperature or according to customers requirements.

#### STORAGE:-

Store at room temperature and kept in closed container, in a dark, fresh and dry place

#### **SHELF LIFE:-**

36 Months if sealed and stored properly.



<sup>\*</sup>electronically generated document need not be signed