



# 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:** - Menthol Bold Crystal USP/BP

**Botanical Source:** *Mentha arvensis L.*

### **CHEMICAL PROPERTIES: -**

CAS No.	: 2216-51-5	PRODUCT CODE	: HM-MBCRY-USPBP
HS Code	: 30039021	EC NUMBER	: 218-690-9
Flash Point	: N/A	FEMA	: 2665
Boiling Point	: N/A		

### **DESCRIPTION: -**

Prismatic or acicular, colorless, shiny crystals.

### **SOLUBILITY: -**

Practically insoluble in water, very soluble in ethanol (96%) and in light petroleum, freely soluble in fatty oils and in liquid paraffin, very slightly soluble in glycerol.

### **SPECIFICATION: -**

Parameters	Specification	Test Method
<b>1). Physicochemical</b>		
a). Identification –	-45.0° to -51.0°	USP/BP
A - Specific Rotation at 20°C	Determined on Solution S.	
B – Thin-layer chromatography	The principal spot in the chromatogram obtained with the test solution is similar in position, colour and size to the principal spot in the chromatogram obtained with the reference solution.	BP
C - Examine the chromatograms obtained in the test for related substances.	The principal peak in the chromatogram obtained with test solution.	USP/BP
b). Melting Point	41°C to 44°C	USP/BP

### **MANUFACTURERS & EXPORTER :-**

MENTHOL, PEPPERMINT OIL , MINT ALLIED PRODUCTS, ESSENTIAL OILS, HERBAL EXTRACTS,  
AROMATIC CHEMICALS, PHYTO CHEMICALS, SPICE OILS



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c). Appearance of solution	Solution S is clear and colourless	BP
d). Related substances	To comply the Test by GC as per BP	BP
e). Acidity or alkalinity	The Solution is Colorless.	BP
f). Residue on evaporation	NMT 0.05%	USP/BP
g). ASSAY ( ON GC)	MIN 99.0%	Gas Chromatography
h). ASSAY Internal standard solution: 10 mg/mL of USP Menthol RS in hexanes	98.0% to 102.0%	USP 43

## LABELING: -

The label states whether the contents are Menthol.

## 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.

## PACKING: -

In new Fiber Drum of 25 Kgs. Net, packed at controlled room temperature or according to customer's requirements.

## STORAGE: -

Store at room temperature and kept in closed container, in a dark, fresh and dry place and lining with thermacol sheet.

## SHELF LIFE: -

3 Years if sealed and stored properly.

**For: Hindustan Mint & Agro Products Pvt. Ltd.**

**Authorized Signatory**

\*electronically generated document need not to be signed.

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