



# PHARMA DEVILS

## QUALITY CONTROL DEPARTMENT

### ANALYTICAL SPECIFICATION FOR MENTHOL IP

<b>Manufacturer Name :</b>		<b>Supplier Name :</b>
<b>Manufacturer's Batch No. :</b>		<b>Manufacturer's Batch Size :</b>
<b>Manufacturing Date :</b>		<b>Expiry Date :</b>
<b>Quantity Received :</b>		<b>Test Quantity :</b>
<b>Document No. :</b>	<b>Effective Date :</b>	<b>Change Control No. : N/A</b>
<b>Control No./ A.R. No. :</b>		<b>Retest Date :</b>

**Reference** : IP 1996

**Description** : Colourless, hexagonal or needle- like crystals or infused masses or crystalline powder; odour pleasant and characteristic  
Complies/Does Not Comply

**Solubility** : Very soluble in Ethanol (95%) and in ether( 1 in 1); freely soluble in light liquid paraffine, in Glacial Acetic Acid and volatile oils (1 in 1-10); slightly soluble in Water (1 in 100-1000)  
Complies/Does Not Comply.

S.No.	Test	Reference	Result	Specification	Remark
1.	Identification A. IR  B. Colour reaction	IP		A. IR absorption spectrum of test is concordant with WRS.  B. An orange yellow colour is produced which changes to violet on addition of 1 ml of Distilled Water.	



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S.No.	Test	Reference	Result	Specification	Remark
1.	Identification C.  D. Melting point	IP		C.The mixture liuqefies.  D. Melts between 41° and 44°	
2.	Specific optical rotation	IP		Between -49° and -51°	
3.	Acidity	IP		The solution is yellow	
4.	Clarity and colour of solution	IP		The solution is not more opalescent than opalescence standard OS4 and not more intensely coloured than reference solution RS6.	
5.	Related Substances (GC)	IP		In the chrom,atogram obtained with solution (1) the sum of the areas of any secondary peaks is not greater than the area of the principal peak in the chromatogram obtained with solutiopn (2).Ignore any peak with an area less than the principal peak in the chromatogram obtained with solution (3).	
6.	Residue on evaporation	IP		Not More Than 0.05 %	



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**Raw Data Reference :**

**Analyst Name :**

**Analyst Name :**

**Analyst Name :**

**Analyst Hard Book No. :**

**Page No. :**

**Analyst Hard Book No. :**

**Page No. :**

**Analyst Hard Book No. :**

**Page No. :**

**Results:** Sample Conforms / Does Not Conform to Specification

**Analyzed By :** \_\_\_\_\_

**Date :** \_\_\_\_\_

**Checked By :** \_\_\_\_\_

**Date :** \_\_\_\_\_

**Approved By :** \_\_\_\_\_

**Date :** \_\_\_\_\_