PHARMA DEVILS
QUALITY CONTROL DEPARTMENT

ANALYTICAL SPECIFICATION FOR TERPINE HYDRATE USP

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

Reference : USP 24 pg1607

Description : Colourless lustrous crystals or white powder.Has a slight odour, and efflorescens in dry air. A hot solution (1 in 100) is neutral to litmus. When dried under vacuum at 60° for 2 hours, it melts at about 103°; free from foreign particles. Complies/Does Not Comply

Solubility : Slightly soluble in water, in Chloroform and in ether (1 in 100-1000); very soluble in boiling alcohol (1 in 1-10); Soluble in alcohol (1 in 10-30); sparingly soluble in boiling water (1 in 30-100).
Complies/Does Not Comply

S.No.	Test	Reference	Result	Specification	Remark
1.	Identification A. IR	USP		IR absorption spectrum of test dried at over Silica gel for 4 hours is concordent with referance spectrum of USP Terpine hydrate RS.	

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S.No.	Test	Reference	Result	Specification	Remark
1.	Identification (continued) B. Reaction with Sulphuric Acid	USP		B. The liquid becomes turbid and developss a strongly aromatic odour.	
2.	Water	USP		Between 9.0 and 10.0 %	
3.	Residue on ignition	USP		Not More Than 0.1%	
4.	Residual terpentine	USP		It has no odour of turpentine.	
5.	Assay as $C_{10}H_{20}O_2$ (on anhydrous basis)	USP		Not less than 98.0 % and not more than 100.5 %	

Raw Data Reference :

Analyst Name   :

Analyst Name   :

Analyst Name   :

Analyst Hard Book No. :   Page No. :

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Results: Sample Conforms / Does Not Conform to Specification

Analyzed By : _____   Date : _____

Checked By   : _____   Date : _____

Approved By : _____   Date : _____