



OUTSOURCING EXPERTS

AN ISO 9001 : 2008 COMPANY

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CERTIFICATE OF ANALYSIS			
PRODUCT DETAILS		MOLECULAR FORMULA : C₁₀H₂₀O	
PRODUCT :	MENTHOL CRYSTALS	MOLECULAR WEIGHT : 156.27	
BATCH NO. :	AGPL-2020-06-01	CAS NUMBER : 2216-51-5	
MANUFACTURING :	06/2020		
EXPIRY :	60 MONTHS FROM THE DATE OF MFG.		
DATE :	12/06/2020		
ANALYSIS REPORT -			
REMARKS: RELATED SUBSTANCES TO COMPLY IP /BP/USP SPECIFICATION.			
	DESCRIPTION	STANDARD	RESULTS
1.	DESCRIPTION	COLOURLESS, HEXAGONAL OR NEEDLE-LIKE CRYSTALS	COMPLIES
2.	ODOUR	PLEASANT AND CHARACTERISTIC	COMPLIES
3.	IDENTIFICATION IDENTIFICATION A IDENTIFICATION B IDENTIFICATION C	AS PER IP " "	COMPLIES COMPLIES COMPLIES
4.	SOLUBILITY	DISSOLVE 1.0 g IN 10 ml OF ETHANOL (95%)	COMPLIES
5.	ACIDITY	ORANGE COLOUR CAN APPEAR IF NOT MORE THAN 0.5 ml OF 0.1 ml SOLU OF NaOH	COMPLIES
6.	MELTING POINT	41 DEG C TO 44 DEG C	42.5 DEG C
7.	SPECIFIC OPTICAL ROTATION	-48 DEG TO -51 DEG	-49.6 DEG
8.	DRY ASH OR NON VOLATILE RESIDUE	NMT 0.05%	0.010%
9.	GLC ASSAY AS L-MENTHOL	Min 99%	99.59%
Storage: -Store protected from light and moisture at a temperature not exceeding 30°C.			



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