



Trusted
Symbol

CIN No.: U15326UP1990PLC011773

swati Menthol & Allied Chemicals Ltd.

CERTIFICATE OF ANALYSIS

LEVO MENTHOL BP

BATCH NO.: 10250885

PO # PO00003080

BUYER :- SURFACHEM LIMITED , UK

Date of mfg.:- February 2025		Expiry date :- January 2030		Qty.:- (36X 25 Kg.) = 900 Kg.
Quality		BP 2022, USP 43, EP 10.0		
Use		Food, Feed, Pharma		
Analytical Report No		250225(B)		
Chemical Name		(1R, 2S, 5R)-5-Methyl-2-(1-methylethyl)-cyclohexanol		
Formula		C ₁₀ H ₂₀ O		
Molecular weight		156.27		
CAS-No.		2216-51-5		
Customs Tariff No.		2906-1100		
Packaging and storage		Preserve in tight containers, preferably at controlled room		
PARAMETERS	METHOD	ANALYSIS	SPECIFICATION	
Description	BP, EP	Colorless shiny crystals	Prismatic or acicular, colorless, shiny crystals	
Identification	BP, USP, EP	Complies	Meets the requirements	
Appearance of solution	BP, EP	Clear and Colourless	This Solution is clear and colorless	
Acidity or alkalinity	BP, EP	Complies	Meets the requirements	
Solubility	BP	Complies	Complies	
Melting point	USP	42.5 ⁰ C	41 to 44 ⁰ C	
	BP, EP	42.5 ⁰ C	About 43 ⁰ C	
Specific rotation	USP	-50.0 ⁰	-45 to -51 ⁰	
	BP, EP	-50.0 ⁰	-48 to -51 ⁰	
Nonvolatile residue	USP	0.03%	NMT 0.05%	
Heavy metals (Pb)	Out Sourced	<1mg/kg	2.5mg/kg	
Heavy metals (Cd)	Out Sourced	<1mg/kg	1.5mg/kg	
Heavy metals (Hg)	Out Sourced	<1mg/kg	1.0mg/kg	
Heavy metals (As)	Out Sourced	<0.1mg/kg	1.1mg/kg	
Heavy metals (Cu)	Out Sourced	<0.1mg/kg	30.0mg/kg	
Chromatographic purity	USP	99.5%	Meets the requirements	
Residue on evaporation	BP, EP	0.02%	NMT 0.05%	
Related substances(Total Impurities)	USP	0.4%	NMT 2.0%	
	EP	0.4%	NMT 1.0%	

25/02/2025
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Nitin Verman
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