

Product Specification

Chennai, 07-Mar-2023
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Product number: 620002
Product name: MENTHOL LAEVO DIST.

Product Description

CAS Number : 2216-51-5

INCI Names : Global INCI Name : Menthol
EU INCI Name : Menthol

Molecular weight : 156,27 g/mol

Molecular formula : C10-H20-O

Custom Tariff : 29061100000

Product Characteristics

Organoleptic Properties

Code	Parameter	Unit	Lower Limit	Upper Limit
0605	Sensory analysis 40 ppm, Premix in Ethanol Taste in test medium sweet			comparable to standard
0223	Odor on sample bottle Odor			comparable to standard
0864	Visual evaluation in sample vial Appearance			fused-in crystals
0864	Visual evaluation in sample vial Color			pale white to white

Chemical-Physical Properties

Code	Parameter	Unit	Lower Limit	Upper Limit
0003	Polarimetry Ethanol 96%, 25°C Specific rotation, 10,0 % (G/V)	deg*ml/g	-51,0	-48,0
0011	Potentiometric titration Acid value	mg KOH/g		0,28
0035	Gas chromatography analysis Polar PEG, identity with RT/RI,FID-Detector Menthol, L-	Area %	99,7	100,0
0738	Melting range (FCC) Lower melting range Melting range (Pharmacopoeia)	°C	41,0	44,0
0738	Melting range (FCC) Upper melting range Melting range (Pharmacopoeia)	°C	41,0	44,0

For information only

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Flash point		94 °C	
0005	Visually, Ethanol 95% vol., 25°C Solubility G/V		1:1
0253	IR identity FCC IR, Identity		passed test
0855	Residue on evaporation (FCC) Residue on evaporation (Pharmacopoeia)	%	0,05
0855	Monograph FCC 11		passed test

Shelf life and Storage conditions

In the original, unopened container, dry, 10 to 30°C storage: 24 months

Handling Instructions

Melt before use.
Store under nitrogen.

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