



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>MENTHOL (CRYSTALS)</b>
<b>Code No.</b>	<b>B-01648</b>
<b>Batch No.</b>	<b>BC12232232</b>
<b>Mfg.Date</b>	<b>FEB-2024</b>
<b>Date of Analysis</b>	<b>10/02/2024</b>
<b>Retest Date</b>	<b>JAN-2029</b>

TEST	SPECIFICATION	RESULT
Appearance	Colourless, hexagonal or needle-like crystals, or crystalline powder; odour, pleasant and characteristic	Colourless, hexagonal or needlelike crystals, or crystalline powder; odour, pleasant and characteristic
Assay (GC area %)	Min 99.0%	99.86%
Solubility	Practically insoluble in water, very soluble in ethanol (96 per cent) and in light petroleum, freely soluble in fatty oils and in liquid paraffin, ver	Passes test
Appearance of solution	To comply IP, BP tests	Passes test
Melting point	about 43°C	42.9°C
Acidity or alkalinity	To comply the test	Passes test
Specific optical rotation ([α] <sub>D</sub> <sup>20</sup> )	49.0° to -51.0°	-50.48°
Related Substances	To comply IP, BP tests	Passes test
Residue on evaporation	Max 0.05%	0.03%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

**This is an electronically generated certificate and is valid without a signature.**

For Issues relating to quality you may send us a mail on [info@biofinechemical.com](mailto:info@biofinechemical.com) or call on **+91-7404210730** Website- [www.biofinechemical.com](http://www.biofinechemical.com)