

Natural Menthol

TECHNICAL DATA SHEET

Natural Menthol flavor ingredient for professional ingredient formulation and manufacturing.

CAS No.	89-78-1
Source	Mint-derived menthol
Physical form	Colorless, Transparent Hexagonal or Needle like Crystals

Product Information

Natural menthol is a crystalline aromatic ingredient with a characteristic mint odor and specified melting range. This flavor ingredient is supplied as colorless, transparent hexagonal or needle like crystals. The stated source is Mint-derived menthol.

The selected specification lists Purity: $\geq 99.0\%$. For natural menthol purchasing, identify the grade and analytical requirements used in the formulation. The product specification below provides the criteria for comparing material grades and checking the corresponding batch COA.

Specifications

Parameter	Specification
Color and Appearance	Colorless, Transparent Hexagonal or Needle like Crystals
Odor	Have the characteristic odor of Chinese natural menthol
Melting Point (°C)	41°C – 44°C
Solubility (25°C)	Melting 1gram test sample into 5ml 90% alcohol
Non-Volatile Content	$\leq 0.05\%$
Specific Rotation (25°C)	-50° – -49°
Purity	$\geq 99.0\%$

Typical values. The COA of each batch prevails.

Typical Properties & Commercial Information

MOQ	500 kg
Packing	Packed in 25KG cardboard drum
Lead time	Approximately 14 days
Free sample	500 g
Incoterms	FOB / CFR / CIF
Annual supply	On request

Free sample: up to 500 g. Courier cost payable or use your courier account.

Applications

Flavor formulations: Natural menthol contributes a characteristic mint aroma to suitable flavor formulations.

Oral care and personal care: Suitable toothpaste, mouthwash and personal care formulations can use menthol as an aromatic ingredient.

Aromatic ingredient blends: Menthol crystals can be incorporated into compatible aromatic blends.

Packaging & Storage

Packaging	Packed in 25KG cardboard drum
Shelf life	Two years, in unopened original packaging.
Container loading	Qty in 20' FCL: 8MTS(with pallets)

Certifications & Documents

KOSHER · HACCP · FSSC 22000 · HALAL · ISO 9001 · ISO 22000

COA for each batch, TDS and SDS.

Company Contact

Supplier: Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)

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The agreed purchase specification and the COA of each batch govern supply.