

Peppermint Oil

Mentha piperita · CAS 8006-90-4 · Product code ELAN-192

TECHNICAL DATA SHEET

IDENTIFICATION

INCI name	Mentha Piperita
Botanical name	Mentha piperita
Plant part used	Plant
Extraction method	Steam distillation
Country of origin	India
CAS number	8006-90-4
CAS number (alt.)	84082-70-2
EC / EINECS number	282-015-4
FEMA number	2848
Range	Essential Oils

ORGANOLEPTIC

Appearance	Liquid
Colour	Colourless to pale yellow
Odour	Mint

PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity (d20/20)	0.896 - 0.916 @ 20 °C
Refractive index @ 20 °C	1.455 - 1.467
Optical rotation	-30° to -10°
Solubility	Soluble in alcohols and oils; insoluble in water

MAIN CONSTITUENTS

COMPONENT	SPECIFICATION	TYPICAL
Menthol	30 - 55%	54%
Menthone	14 - 31%	30.2%
Menthyl acetate	2.8 - 10%	3.7%

TRANSPORT, STORAGE AND SHELF LIFE

Storage conditions	Light protected, not above room temperature, in tightly sealed containers. Once opened, use immediately.
Shelf life	36 months
Intended use	Fragrance / flavour

REGULATORY DECLARATIONS

CMR substances Free from substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008.

Nanomaterials Not considered a nanomaterial and contains no nanoparticles as defined by the European Commission and described in EU 1223/2009 and 2012-232 (ANSES).

Animal testing Not tested on animals.

GMO This product and the raw materials used to produce it are free from GMO.

Pesticide residue Complies with EU 396/2005 and meets the legislative requirements of the respective destination countries.

Contaminants Criteria for contaminants are set per destination-country regulation and per customer requirement. For matrix and testing of contaminants under FSSAI, refer to Annexure SYN/FSSR/01.

Labelling The label carries product name, lot number, net weight, gross weight and any further marks the customer specifies.

Handling Avoid contact with skin and eyes. Wear face shield or goggles and gloves when handling.

SUPPLIED WITH

Certificate of analysis for the dispatched batch · Material safety data sheet · Commercial invoice and packing list · Certificate of origin. Halal, Kosher and phytosanitary certificates on request.