

Lemongrass Oil, Indian

Cymbopogon flexuosus · CAS 8007-02-1 · Product code ELAN-158

TECHNICAL DATA SHEET

IDENTIFICATION

INCI name	Cymbopogon flexuosus
Botanical name	Cymbopogon flexuosus
Plant part used	Dried grass
Extraction method	Steam distillation
CAS number	8007-02-1
EC / EINECS number	943-552-6
FEMA number	2624
Range	Essential Oils

ORGANOLEPTIC

Appearance	Liquid
Colour	Pale yellow to reddish brown
Odour	Citral

PHYSICAL AND CHEMICAL PROPERTIES

Specific gravity @ 25 °C	0.865 - 0.954
Refractive index @ 20 °C	1.469 - 1.489
Optical rotation	-3° to +2°
Assay (GC)	65 - 73%
Acid value (mg KOH/g)	4.0 - 5.0

HEAVY METALS

ELEMENT	LIMIT	METHOD
Arsenic	Less than 1 ppm	ICP-MS
Lead	Less than 3 ppm	ICP-MS
Cadmium	Less than 1 ppm	ICP-MS
Mercury	Less than 1 ppm	ICP-MS
Total heavy metals	Less than 10 ppm	ICP-MS

TRANSPORT, STORAGE AND SHELF LIFE

Storage conditions	Light protected, not above room temperature, in tightly sealed containers. Once opened, use immediately.
Shelf life	24 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.