

SPECIFICATION

Product name Ligustral
Product code XLNQ01
Production unit Shandong NHU Pharmaceutical Co., Ltd.

Ingredients

Synonym Trans-2,4-dimethylcyclohex-3-ene-1-carbaldehyde (Isomer1)
Cis-2,4-dimethylcyclohex-3-ene-1-carbaldehyde (Isomer2)
3,5-dimethylcyclohex-3-ene-1-carbaldehyde (Isomer3)

Formula C₉H₁₄O
Molecular weight 138,21 g/mol
EC No. 943-728-2
FEMA No. 4505

Properties

Shelf life 24 months after production date
Appearance Colourless liquid
Odour green grass, citrus fruit
Assay by GC ≥ 99 %
Composition Reaction mass of 2,4-dimethylcyclohex-3-ene-1-carbaldehyde and 3,5-dimethylcyclohex-3-ene-1-carbaldehyde

Isomer 1 (GC) ≥ 18,5 %
Isomer 2 (GC) 69,0 – 81,0 %
Isomer 3 (GC) ≤ 5,0 %
Isomer 1 + 3 (GC) 19 – 32 %

Refractive index (20 °C) 1,469 – 1,475
Relative density (25 °C/25 °C) 0,926 – 0,939
Acid value ≤ 2,0 mg KOH/g

Handling

Usage to be used in cosmetics
Storage Keep in dry place in unopened original packaging
Transport instructions please see our latest safety data sheet

Classified as **dangerous goods** as per EU reg.

NHU EUROPE GmbH