



Phone: +49(0)4131-580 88 00
info@nhu-eu.com · www.nhu-eu.com

Version: 9.00.0001
Date: 21.04.2026

SPECIFICATION

Product name Rose oxide
Product code XLRM01
Production site Shandong NHU Pharmaceutical
Trade name Rose oxide High Cis

Ingredients

Synonym Tetrahydro-4-methyl-2-(2-methylpropen-1-yl)pyran
Formula C₁₀H₁₈O
Molecular weight 154,25 g/mol
CAS No. 16409-43-1
FEMA No. 3236
Flavour No. 13.037

Properties

Shelf life 24 months after production date in unopened original packaging
Appearance colourless to pale yellow liquid
Odour Strong and unique fragrance of fragrant leaves
Assay by GC ≥ 99,0 %
Cis-Isomer by GC 90,0 – 95,0 %
Trans-Isomer by GC 5,0 – 10,0 %
Refractive index (20°C) 1,451 - 1,456
Relative density (25 °C/25 °C) 0,8670 – 0,8718
Acid value ≤ 1,0 mg KOH/g

Handling

Usage Product could be used as fragrance and flavouring substance

Storage Store in shade and dry places

Transport instructions See our latest safety data sheet

Classified as **hazardous substance** as per EU reg.

NHU EUROPE GmbH

