

# Foreverest Resources Ltd

## 天然肉桂醛 □ CAS 104-55-2 □

99%

肉桂醛天然存在于肉桂油、肉桂油和广藿香油中。 呈淡黄色粘稠液体，带有肉桂和辛辣气味。 肉桂醛有顺式异构体和反式异构体。 肉桂醛在工业上由苯甲醛和乙醛在稀碱溶液中缩合制得。 肉桂醛广泛用于日化产品和农业的香精香料配方。

### Substance Identification

Synonyms	桂皮醛
CAS	N/A
EINECS	203-213-9
FEMA	N/A

HS.CODE

2903

Molecular Formula

C9H8O2

Molecular Weight

132.162

## Application & Uses

- 用作水果保鲜剂
- 用于香精配方，主要用于制作肉桂、肉桂和可乐香精，也用于烟酒
- 用作口香糖、冰淇淋、糖果和饮料的调味剂。
- 用作香皂的增香剂
- 用于一些天然、甜味或果香的香水中
- 在工业中用作溶剂
- 用作医药中间体
- 用作有效的杀虫剂和杀菌剂
- 用作成年蚊子的强效熏蒸剂和实用驱虫剂
- 用作钢的缓蚀剂
- 用于农业生产杀菌剂等

## Features & Benefits

- 溶解性：难溶于水、甘油，溶于乙醇、乙醚和石油醚。能随水蒸气挥发
- 稳定性：在强酸或强碱介质中不稳定，易引起变色，在空气中易氧化

# Sales Specification

ITEM	VALUE
外观	淡黄色至黄色液体
气味	浓郁的肉桂香气
折光系数@20 °C	1.619 to 1.625
酸值@A.V.	10.0 max
含量@GC, %	99 min
口服 LD50大鼠	2220mg/kg

## Similar Specs

Cinnamaldehyde

Methyl Cinnamate

## Package

- 桶类，200公斤

# GHS Hazard Statements

## Storage

- 单独贮存于独立仓库
- 仓库地面铺有接地材料
- 远离火苗、明火、火源
- 密封贮存于通风、阴凉、干燥处

## Relation Products

- [Hexyl cinnamic aldehyde](#)

## Relation Articles

- [Cinnamon Oil Compound Might Block Bacteria Like P. aeruginosa from Forming Biofilms, Researchers Say](#)
- [Synthesizing the Future](#)
- [Study and Application of Cinnamic aldehyde](#)
- [An Aroma Chemical Profile - Benzaldehyde](#)
- [Analysis of Essential Oil on Antimicrobial Resistance](#)
- [Biological function and mechanism of plant extracts \(1\)](#)

- [Biological function and mechanism of plant extracts\(2\)](#)
- [Biological functions and mechanism of plant extracts \(1\)](#)
- [Effects of Cinnamon in Chronic Diseases](#)
- [Essential oils in preventing and controlling crop diseases](#)
- [Plant Extract for Pet Medical Use](#)
- [Application Research of Cinnamic aldehyde in Fragrance & Flavor, Daily Chemicals and Food Additives](#)

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## Remark

*The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.*