

&lt;原著&gt;

## イランイラン油成分の反応性について(第2報)

渡辺 進, 豊田高明, 村木 繁\*,  
中山秀夫\*\*, 菅原 信, 荒木由起夫\*\*\*

### Contact Hypersensitivity to Ylang ylang oil Components (II)

Susumu WATANABE\*, Takaaki TOYOTA\*  
Shigeru MURAKI\*, Hideo NAKAYAMA\*\*  
Makoto SUGAWARA\*\*\*, Yukio ARAKI\*\*\*

#### Abstract

The oil of ylang ylang was already discovered to be a sensitizer. In the previous report, the main sensitizer in it has been demonstrated to be the distilled coloum fraction with high boiling polar (DCF-4), eugenol and isoeugenol. The present study was undertaken to find out the sensitisers in the fraction DCF-4. T-Cadinol,  $\alpha$ -Cadinol and Dehydrodiisoeugenol were newly isolated in ylang ylang oil. Dehydrodiisoeugenol was found to be a very strong sensitizer by animal test.

#### Key words;

Ylang ylang oil, Maximization test, Dehydrodiisoeugenol, Contact allergenicity, Germacrene D.