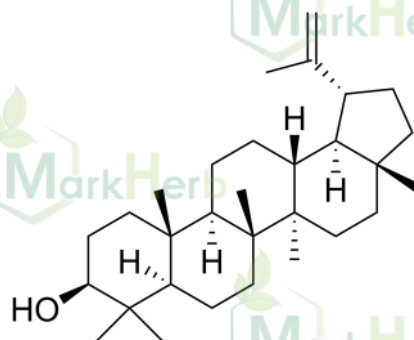


## CERTIFICATE OF ANALYSIS

*For Laboratory Use Only*

**Product name** Lupeol  
**Other names** 20(29)-Lupen-3 $\beta$ -ol; 3 $\beta$ -Hydroxy-20(29)-lupene;  $\beta$ -Viscol; Cautchicol; Fagarasterol; Clerodol; Monogynol B; Lupenol  
**CAS** 545-47-1  
**Catalog No.** TER-19-1  
**Formula** C<sub>30</sub>H<sub>50</sub>O  
**Molecular mass** 426.7 g/mol  
**Date of sample** 02/09/2021  
**Date of report** 02/09/2021



**Structure**

### ANALYTICAL RESULTS

Test	Method	Specification	Result
Appearance	NA	White, powder	White, powder
Purity	NMR	> 90%	> 90%
UV spectrum	UV Spectroscopy	NA	NA
Mass spectrum	LC-MS/MS	NA	NA
NMR	<sup>1</sup> H-NMR, <sup>13</sup> C-NMR	Conforms	Conforms

NA, not available

### STORAGE CONDITIONS

**Storage** Refrigerator 2 to 8 °C  
**Transport** Room temperature

Digitally signed by  
 Andi Rifki Rosandy, Ph.D  
 Date: 02.09.2021  
 Bandung - Indonesia