

## CERTIFICATE OF ANALYSIS

*For Laboratory Use Only*

**Product name**

Asiaticoside

**Other names**

Madecassol; NSC166062;  
 AKOS025311531; ZINC238809591;  
 Asiatikosida (INA)

**CAS**

16830-15-2

**Catalog No.**

TER-2-5

**Formula**

C<sub>48</sub>H<sub>78</sub>O<sub>19</sub>

**Molecular mass**

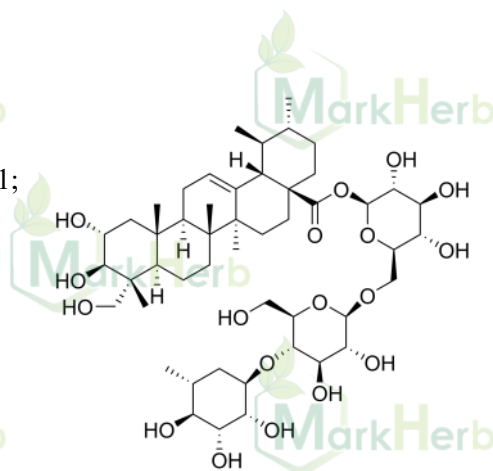
959.12 g/mol

**Date of sample**

17/09/2020

**Date of report**

24/09/2020



**Structure**

### ANALYTICAL RESULTS

Test	Method	Specification	Result
Appearance	NA	White, powder	White, powder
Purity	HPLC-UV	> 95%	96.10%
UV spectrum	UV Spectroscopy	NA	NA
Mass spectrum	LC-MS/MS, ES (-)	Conforms	Conforms
NMR	<sup>1</sup> H-NMR, <sup>13</sup> C-NMR	NA	NA

NA, not available

### STORAGE CONDITIONS

**Storage** Refrigerator 4 to 8 °C

**Transport** Room temperature

Digitally signed by  
 Dr. rer.nat. Agus Chahyadi  
 Date: 25.09.2020  
 Bandung - Indonesia