

## CERTIFICATE OF ANALYSIS

*For Laboratory Use Only*

**Product name**

Madecassoside

**Other names**

Asiaticoside A; 6-[[3,4-dihydroxy-6-(hydroxymethyl)-5-(3,4,5-trihydroxy-6-methyloxan-2-yl)oxyoxan-2-yl]oxymethyl]-3,4,5-trihydroxyoxan-2-yl] 8,10,11-trihydroxy-9-(hydroxymethyl)-1,2,6a,6b,9,12a-hexamethyl-2,3,4,5,6,6a,7,8,8a,10,11,12,13,14b-tetradecahydro-1H-picene-4a-carboxylate

**CAS**

34540-22-2

**Catalog No.**

TER-17-5 | TER-17-10

**Formula**

C<sub>48</sub>H<sub>78</sub>O<sub>20</sub>

**Molecular mass**

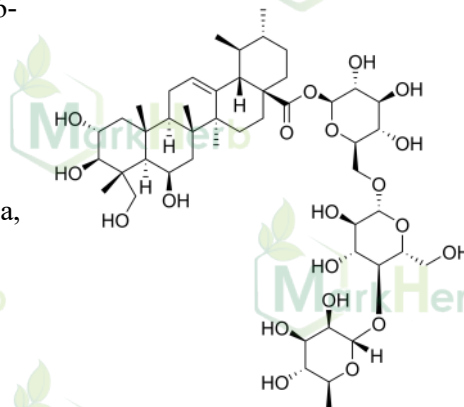
975,1 g/mol

**Date of sample**

08/11/2021

**Date of report**

10/11/2021



**Structure**

### ANALYTICAL RESULTS

Test	Method	Specification	Result
Appearance	NA	White, powder	White, powder
Purity	HPLC-UV	> 85%	86%
UV spectrum	UV Spectroscopy	NA	NA
Mass spectrum	LC-MS/MS	NA	NA
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  
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 Date: 10.11.2021  
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