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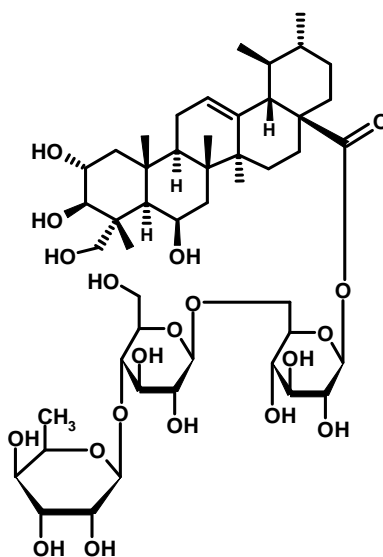
Product Specifications

Madecassoside

CAS 34540-22-2

Syn: Asiaticoside A; (2 α , 3 β , 4 α , 6 β)-2,3,6,23-Tetrahydroxylurs-12-en-28-oic Acid; O-6-deoxy- α -L-manno-pyranosyl-(1 \rightarrow 4)-O- β -D-glucopyranosyl-(1 \rightarrow 6)- β -D-glucopyranosyl Ester

Structure:



Mol. Formula
Source

$C_{48}H_{78}O_{20}$
Centella asiatica chinensis
[Bot. syn: *Hydrocotyle asiatica* L.]

Mol. Wt.

975.12

Test

Specification

Appearance	White powder
TLC	Standard
LOD	Standard
Heavy metals (total)	<10 ppm
Pb	< 5 ppm
As	< 2 ppm
Hg	< 0.2ppm
Cd	< 0.3ppm
Cu	< 5 ppm

- cont'd -

- cont'd -

<i>Test</i>	<i>Specification</i>
Particle size	95% through 100 mesh
Pesticides Residue	
BHC	< 0.1 ppm
DDT	< 0.1 ppm
PCNB	< 0.1 ppm
Aldrin	< 0.02 ppm
B1(Aflatoxin)	< 5 ppb
Sulphated Ash	< 1.0%
Assay (hplc)	
Madecassoside	> 95%
Microbiological Specification	
Total Aerobic (CFU/g) (USP25)	< 1000 cfu/g
<i>E. Coli</i>	Negative
<i>Salmonella</i>	Negative
<i>Pseudo. aeruginosa</i>	Negative
<i>Staphylococcus aureus</i>	Negative
<i>Candida albicans</i>	Negative
<i>Enterobacteria</i>	Negative
Mold and Yeast (CFU/g) (USP25)	< 100 cfu/g

Storage: Maintain in cool, dry containment. Avoid light.

Packaging: Inner: 2-Ply PP bag. Outer: Fiber (cardboard) drum. 10 Kg/drum and 25 Kg/drum.