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Product Specifications

Product Name

Madecassoside

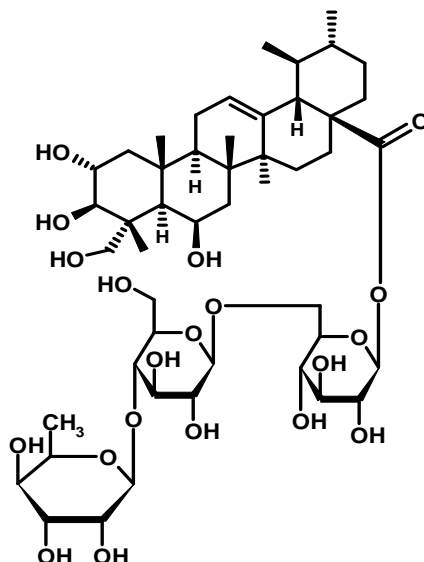
Syn:

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

CAS No.

34540-22-2

Structure



Mol. Formula

C₄₈H₇₈O₂₀

Mol. Weight

975.12

Source

Centella asiatica chinensis [Bot. syn: *Hydrocotyle asiatica* L.]

Test

Specification

Appearance

White powder

TLC

Standard

LOD

< 3%

Heavy metals (total)

<10 ppm

Pb

< 5 ppm

Hg

< 0.2ppm

Cd

< 0.3ppm

Cu

< 5 ppm

As

< 2 ppm

- cont'd -

<i>Test</i>	<i>Specification</i>	<i>Result</i>
Pesticide 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%	
Particle size	95% through 100 mesh	
 <u>Microbiological</u>		
Total bacteria count	< 1000 cfu/g	
Yeast / molds	< 100 cfu/g	
Salmonella	Negative	
E. Coli	Negative	
Pseudo. aeruginosa	Negative	
Staphylococcus aureus	Negative	
Candida albicans	Negative	
Enterobacteria	Negative	

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.