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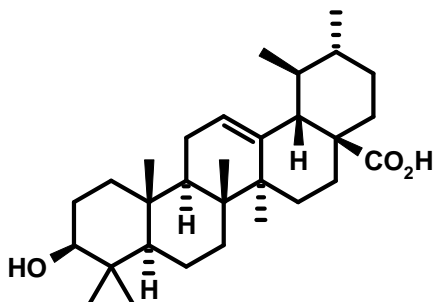
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## Product Specifications

### Ursolic Acid

CAS 77-52-1

Structure:



Mol. Formula  
Source

$C_{30}H_{48}O_3$   
*Ligustrum lucidum* fruit.  
Loquat (Chinese plum) leaves

Mol. Wt.

456.7

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### *Test*

### *Specification*

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Identity	Infrared, H-NMR
Appearance	White to off-white microcrystalline solid
Mp	285 – 288 °C (99%)
Assay (hplc)	> 95%
Sp. Rot., [ $\alpha$ ] <sub>D</sub>	+ 67.5 ° (99%; <i>c</i> = 1, 1N KOH/EtOH )
LOD	< 1% max
Ash (residue on ignition)	< 0.4%
Heavy metals	
Pb	< 10 ppm
As	< 2 ppm

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- cont'd -

- cont'd -

<i>Test</i>	<i>Specification</i>
<b>Microbiological Specification</b>	
Total Aerobic (CFU/g) (USP25)	<100 organisms/g
<i>E. Coli</i>	Negative
<i>Salmonella</i>	Negative
<i>Staphylococcus aureus</i>	Negative
<i>Aspergillus species</i>	Negative
<i>Listeria</i>	Negative
<i>Pseudomonas</i>	Negative
Mold and Yeast (CFU/g) (USP25)	<100 cfu/g

**Storage:** Maintain in cool, dry containment.