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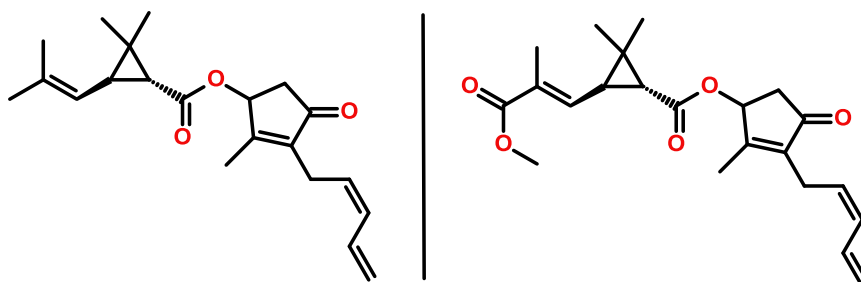
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## Product Specifications

### **Pyrethrin (Pyrethrin I, Pyrethrin II; *mixt.*)** **(*Chrysanthemum cinerariifolium* extract)**

CAS 121-21-1; 121-29-9

Structure:



Pyrethrin I

Pyrethrin II

~ 2.5 : 1

Mol. Formula  
Source

$C_{21}H_{28}O_3$  |  $C_{22}H_{28}O_5$   
*Chrysanthemum cinerariifolium* L.

Mol. Wt.

328.4 | 372.4

<i>Test</i>	<i>Specification</i>
Appearance	Yellow-to-brown viscous oily liquid
Bp	279 °F - 338 °F
Purity	
Pyrethrin I + Pyrethrin II	<b>25%; 50%; 75%</b>
Principal minor components	Cinerin I / Cinerin II Jasmolin I / Jasmolin II
Moisture	< 0.5%
$n_D^{20\text{ }^\circ\text{C}}$	1.52 ± 0.02
$d_{20\text{ }^\circ\text{C}}$	~ 0.95 - 1.52 g/mL (18 °C)
Soluble	MeOH, EtOH, Butane, etc.
Fp	180-190 °F
pH	~5-6

*Storage:* Maintain in cool, dry containment.