

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W0361 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	002
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	11/02/2020

**Product Identifiers**

Product Name:	L-CARVYL ACETATE (50% CIS)
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Synerzine Item #	<b>W0361</b>	CAS #	97-42-7	FEMA #	2250
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**Material Properties**

Molecular Formula	C12H18O2	Flash Point (°F, CC)	208
Molecular Weight	194.3	Boiling Point	77-79°C/0.1mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohols.
Storage and Stability	Store in fully closed container in cool (~20°C) dry place.
Handling Precautions	Avoid contact of eyes and skin. In case of contact, flush copiously with water. Keep away from heat and flame.

**Specified Critical Limits**

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	Colorless	Pale yellow
Odor	Organoleptic Analysis	None	Green, spearmint	
Chemical Purity	Gas Chromatography	% Isomeric Sum	98.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.964	0.973
Refractive Index	Refractometric Analysis	nD20	1.473	1.479

**Notes**

Sum of isomers (isomer 1: 50-80%, isomer 2: 20-50%)  
 Optical rotation: -90° to -120°

*This specification was generated electronically, and is therefore unsigned.*

**Synerzine**  
 Quality Control Dept.

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