

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W1849 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	003
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	02/24/2023

### Product Identifiers

Product Name:	5-METHYL-2-PHENYL-2-HEXENAL
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Synerzine Item #	<b>W1849</b>	CAS #	21834-92-4	FEMA #	3199
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### Material Properties

Molecular Formula	C13H16O	Flash Point (°F, CC)	>200
Molecular Weight	188	Boiling Point	118-125°C/3mm Hg
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	Slight yellow
Odor	Organoleptic Analysis	None	Floral, chocolate, cocoa butter	
Chemical Purity	Gas Chromatography	% Isomeric Sum	97.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.972	0.976
Refractive Index	Refractometric Analysis	nD20	1.528	1.535

### Notes

Sum of isomers (isomer 1: 95-100%; isomer 2: 0-5%)

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

**Synerzine**

Quality Control Dept.

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