

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W1396 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	004
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	04/19/2021

### Product Identifiers

Product Name:	2,6-DIMETHYL-5-HEPTENAL *
---------------	---------------------------

Synerzine Item #	<b>W1396</b>	CAS #	106-72-9	FEMA #	2389
------------------	--------------	-------	----------	--------	------

### Material Properties

Molecular Formula	C9H16O	Flash Point (°F, CC)	141
Molecular Weight	140.23	Boiling Point	60°C/1mm Hg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in most organic solvents.
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	Melon	
Chemical Purity	Gas Chromatography	% Isomeric Sum	82.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.847	0.867
Refractive Index	Refractometric Analysis	nD20	1.441	1.447

### Notes

\* Also known as: MELONAL, as item W1396, a trade-mark. Sum of isomers (isomer 1: 70-100%, isomer 2: 0-30%)

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

**Synerzine**

Quality Control Dept.

Date Printed: 8/14/2023