

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	C702 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	002
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	04/22/2020

**Product Identifiers**

Product Name:	2-HEPTENOIC ACID
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Synerzine Item #	<b>C702</b>	CAS #	18999-28-5	FEMA #	3920
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**Material Properties**

Molecular Formula	C7H12O2	Flash Point (°F, CC)	230
Molecular Weight	128.17	Boiling Point	226°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohol.
Storage and Stability	Store in fully closed container in cool (~20°C) dry place. Stable for
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	Ethereal, Green, Fruity	
Chemical Purity	Gas Chromatography	% Isomeric Sum	98.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.947	0.953
Refractive Index	Refractometric Analysis	nD20	1.453	1.459

**Notes**

Total purity equals the sum of Isomers  
80-100% (E)-2-Heptenoic Acid  
0-20% (Z)-2-Heptenoic Acid

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

**Synerzine**  
Quality Control Dept.

Date Printed: 6/26/2021