

 synerzine TM	Title:	W0307 Product Specification		
	Document #:	02-1006	Rev #:	001
	Status:	ACTIVE	Date Issued:	06/13/2019

Product Identifiers

Product Name:	HEPTANOIC ACID
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Synerzine Item #	W0307	CAS #	111-14-8	FEMA #	3348
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Material Properties

Molecular Formula	C7H14O2	Flash Point (°F, CC)	>230
Molecular Weight	130.18	Boiling Point	222-223°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohol; insoluble in water.
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	Colorless
Odor	Organoleptic Analysis	None	Cheesy, waxy, sweaty, fermented, pineapple, fruity	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.915	0.925
Refractive Index	Refractometric Analysis	nD20	1.421	1.431

Notes

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This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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