

 synerzine TM	Title:		W203 Product Specification	
	Document #:	02-1006	Rev #:	001
	Status:	ACTIVE	Date Issued:	05/04/2020

Product Identifiers

Product Name:	VALERIC ACID
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Synerzine Item #	W203	CAS #	109-52-4	FEMA #	3101
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Material Properties

Molecular Formula	C5H10O2	Flash Point (°F, CC)	192
Molecular Weight	102.13	Boiling Point	186°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Partially in water; soluble in alcohol
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	Acidic, dairy	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.932	0.942
Refractive Index	Refractometric Analysis	nD20	1.405	1.414

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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