

 synerzine TM	Title: W126 Product Specification	
	Document #: 02-1006	Rev #: 000
	Status: ACTIVE	Date Issued: 06/21/2013

Product Identifiers

Product Name:	LEVULINIC ACID
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Synerzine Item #	W126	CAS #	123-76-2	FEMA #	2627
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Material Properties

Molecular Formula	C5H8O3	Flash Point (°F, CC)	>200
Molecular Weight	116.12	Boiling Point	245-6°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in water and 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	Light yellow	Light yellow
Odor	Organoleptic Analysis	None	Maple, malt, cereal	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.130	1.150
Refractive Index	Refractometric Analysis	nD20	1.440	1.450

Notes

Also known as 3-acetylpropionic acid.
Shelf Life: 24 Months
* 1.13-1.15 when melted.

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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