

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b> W1745 Product Specification	
	<b>Document #:</b> 02-1006	<b>Rev #:</b> 003
	<b>Status:</b> ACTIVE	<b>Date Issued:</b> 04/04/2023

### Product Identifiers

Product Name:	PYRUVIC ACID
---------------	--------------

Synerzine Item #	<b>W1745</b>	CAS #	127-17-3	FEMA #	2970
------------------	--------------	-------	----------	--------	------

### Material Properties

Molecular Formula	C3H4O3	Flash Point (°F, CC)	183
Molecular Weight	88.06	Boiling Point	65°C/ 12mm
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	Colorless	Pale yellow/green
Odor	Organoleptic Analysis	None	Sour, acetic, maple, chesnut	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.265	1.280
Refractive Index	Refractometric Analysis	nD20	1.424	1.435

### Notes

Tends to darken easily on storage. Refrigerate for longer shelf life.

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

**Synerzine**

Quality Control Dept.

Date Printed:

4/4/2023