

 <b>synerzine</b> ™	<b>Title:</b>	W01314 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	003
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	07/19/2018

**Product Identifiers**

Product Name:	4-ACETOXY-2,5-DIMETHYL-3(2H)-FURANONE
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Synerzine Item #	<b>W01314</b>	CAS #	4166-20-5	FEMA #	3797
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**Material Properties**

Molecular Formula	C8H10O4	Flash Point (°F, CC)	>200
Molecular Weight	170	Boiling Point	98°C/1mm
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	Dark Yellow/Tan
Odor	Organoleptic Analysis	None	Powerful, candy, burnt sugar	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.160	1.170
Refractive Index	Refractometric Analysis	nD20	1.477	1.490

**Notes**

\* Remainder mostly 4-hydroxy-2,5-Dimethyl-3(2h)-fura and 3,4-diacetoxy-2,5-Dimethylfuran  
 Also known as: FRAISION acetate  
 Also known as: FURANEOL acetate

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

**Synerzine**  
**Quality Control Dept.**

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