

 <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. Stable for years, with slight development of discoloration.
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.*