

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b> W0453N Product Specification	
	<b>Document #:</b> 02-1006	<b>Rev #:</b> 003
	<b>Status:</b> ACTIVE	<b>Date Issued:</b> 01/15/2025

### Product Identifiers

Product Name:	STRAWBERRY FURANONE, NATURAL
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Synerzine Item #	<b>W0453N</b>	CAS #	3658-77-3	FEMA #	3174
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### Material Properties

Molecular Formula	C6H8O3	Flash Point (°F, CC)	200
Molecular Weight	128.1	Boiling Point	216°C @ 760 mm Hg
Shelf Life (days)	730	Physical State	Solid

Solubility	Soluble in organic solvents Water solubility: 18.5 g/L
Storage and Stability	Store in a fully closed container, under inert atmosphere, in a 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	White	Pale yellow
Odor	Organoleptic Analysis	None	Sweet, fruity, strawberry, caramel, burnt pineapple	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Melting Point	Melting Point Analysis	°C	75	83
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

### Notes

This product is hygroscopic (susceptible to environmental water vapor absorption).  
Also known as: 2,5-DIMETHYL-4-HYDROXY-3(2H) FURANONE; Furaneol; Pineapple ketone; Fraision

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

**Synerzine**

Quality Control Dept.

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