

 synerzine TM	Title:	W0564-96 Product Specification		
	Document #:	02-1006	Rev #:	002
	Status:	ACTIVE	Date Issued:	11/10/2023

Product Identifiers

Product Name:	2-ETHYL-4-HYDROXY-5-METHYL-3[2H]-FURANONE, 96%
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Synerzine Item #	W0564-96	CAS #	27538-09-6	FEMA #	3623
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Material Properties

Molecular Formula	C7H10O3	Flash Point (°F, CC)	184
Molecular Weight	142.153	Boiling Point	230-232°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohol; insoluble in water.
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	Yellow	Brown
Odor	Organoleptic Analysis	None	Sweet, caramel, butterscotch	
Chemical Purity	Gas Chromatography	%	96.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.130	1.143
Refractive Index	Refractometric Analysis	nD20	1.500	1.520

Notes

Also known as Homofuronol-96%

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

Date Printed: 11/10/2023