

 synerzine TM	Title:	W1349 Product Specification		
	Document #:	02-1006	Rev #:	002
	Status:	ACTIVE	Date Issued:	01/16/25

Product Identifiers

Product Name:	2-METHYL-TETRAHYDROTHIOPHEN-3-ONE
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Synerzine Item #	W1349	CAS #	13679-85-1	FEMA #	3512
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Material Properties

Molecular Formula	C5H8OS	Flash Point (°F, CC)	160
Molecular Weight	116.18	Boiling Point	82°C/28mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in 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
Odor	Organoleptic Analysis	None	Sulfurous	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.120	1.140
Refractive Index	Refractometric Analysis	nD20	1.506	1.520

Notes

AKA 2-methyl-4,5-dihydro-3 (2h) thiophe
RI tends to shift to upper limit as purity increase.

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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