

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W0217 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	002
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	05/04/2018

**Product Identifiers**

Product Name:	2-THIOPHENE THIOL
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Synerzine Item #	<b>W0217</b>	CAS #	7774-74-5	FEMA #	3062
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**Material Properties**

Molecular Formula	C4H4S2	Flash Point (°F, CC)	178
Molecular Weight	116.2	Boiling Point	166°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohols.
Storage and Stability	Store in a fully closed container in a cold (freezer / -20°C) dry place under an inert atmosphere.
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 amber
Odor	Organoleptic Analysis	None	Powerful, diffusive, burnt caramel, roasted coffee	
Chemical Purity	Gas Chromatography	%	90.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.245	1.265
Refractive Index	Refractometric Analysis	nD20	1.615	1.635

**Notes**

Also known as 2-thiophenethiol

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

**Synerzine**  
Quality Control Dept.

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