

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W0136 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	001
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	04/14/2017

**Product Identifiers**

Product Name:	3-ACETYL-2,5-DIMETHYL THIOPHENE		
Synerzine Item #	<b>W0136</b>	CAS #	2530-10-1
		FEMA #	3527

**Material Properties**

Molecular Formula	C8H10OS	Flash Point (°F, CC)	>200
Molecular Weight	154.23	Boiling Point	223-225°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in organic solvents.
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 brown
Odor	Organoleptic Analysis	None	Burnt, roasted	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.095	1.105
Refractive Index	Refractometric Analysis	nD20	1.541	1.549

**Notes**

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