

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

Product Identifiers

Product Name:	3-ACETYL-2,5-DIMETHYL THIOPHENE		
Synerzine Item #	W0136	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.
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 ³ @ 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.

Synerzine
Quality Control Dept.

Date Printed: 6/26/2021