

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	T735A Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	002
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	01/06/2023

### Product Identifiers

Product Name:	2,4-DIMETHYL-5-ACETYL THIAZOLE
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Synerzine Item #	<b>T735A</b>	CAS #	38205-60-6	FEMA #	3267
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### Material Properties

Molecular Formula	C7H9NOS	Flash Point (°F, CC)	220
Molecular Weight	155.2	Boiling Point	132-134°C/30mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	very slightly soluble 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	Pale yellow	Light amber
Odor	Organoleptic Analysis	None	Meaty, roasted	
Chemical Purity	Gas Chromatography	%	99.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.149	1.157
Refractive Index	Refractometric Analysis	nD20	1.535	1.545

### Notes

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

**Synerzine**

Quality Control Dept.

Date Printed:

1/6/2023