

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	T232 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	004
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	10/15/2024

### Product Identifiers

Product Name:	2-ACETYL-2-THIAZOLINE
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Synerzine Item #	<b>T232</b>	CAS #	29926-41-8	FEMA #	3817
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### Material Properties

Molecular Formula	C5H7NOS	Flash Point (°F, CC)	198
Molecular Weight	129.18	Boiling Point	223°C @ 760 mmHg
Shelf Life (days)	730	Physical State	Liquid/Solid

Solubility	Soluble in water, alcohols.
Storage and Stability	Store in fully closed container in refrigerator. Product is temperature and moisture sensitive.
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	Brown red
Odor	Organoleptic Analysis	None	Fresh baked bread	
Chemical Purity	Gas Chromatography	%	96.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

### Notes

Solid when cooled.  
Melting point: 26-29°C

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

**Synerzine**

Quality Control Dept.

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