

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W205 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	005
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	01/09/2023

### Product Identifiers

Product Name:	2,4-UNDECADIENAL
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Synerzine Item #	<b>W205</b>	CAS #	30361-29-6	FEMA #	3422
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### Material Properties

Molecular Formula	C11H18O	Flash Point (°F, CC)	225
Molecular Weight	166.26	Boiling Point	126°C/8mm HG
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohol.
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	Yellow
Odor	Organoleptic Analysis	None	Fatty, aldehyde, chicken, buttery, baked, fruity, spicy	
Chemical Purity	Gas Chromatography	% Isomeric Sum	95.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.860	0.880
Refractive Index	Refractometric Analysis	nD20	1.507	1.517

### Notes

Sum of isomers (isomer 1: 90-100%, isomer 2: 0-10%); Contains up to 0.5% synthetic alpha-tocopherol as stabilizer

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

**Synerzine**

Quality Control Dept.

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