

 synerzine TM	Title: W0239 Product Specification	
	Document #: 02-1006	Rev #: 0
	Status: ACTIVE	Date Issued: 11/15/2022

Product Identifiers

Product Name:	*3,5,5-TRIMETHYL HEXANAL
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Synerzine Item #	W0239	CAS #	5435-64-3	FEMA #	3524
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Material Properties

Molecular Formula	C9H18O	Flash Point (°F, CC)	116
Molecular Weight	144.24	Boiling Point	167°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly soluble in water; soluble in fat.
Storage and Stability	Store in a fully closed container, under inert gas, in a cold (< ~5°C/45°F), 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	Pale yellow
Odor	Organoleptic Analysis	None	Diffusive, dry, grassy	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.816	0.826
Refractive Index	Refractometric Analysis	nD20	1.419	1.424

Notes

Contains no additives/stabilizers; Sum of isomers. Recommendation to analyze this material on GC FID for accurate purity assessment. Contains up to 5% 3,5,5-Trimethyl hexanoic acid (CAS# 3302-10-1)

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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