

 synerzine TM	Title:	NV645 Product Specification		
	Document #:	02-1006	Rev #:	000
	Status:	ACTIVE	Date Issued:	06/21/2013

Product Identifiers

Product Name:	3-METHYLPENTANOIC ACID, NATURAL		
Synerzine Item #	NV645	CAS #	105-43-1
		FEMA #	3437

Material Properties

Molecular Formula	C6H12O2	Flash Point (°F, CC)	185
Molecular Weight	116.2	Boiling Point	90°C at 1mm Hg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly soluble 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	Colorless	Pale yellow
Odor	Organoleptic Analysis	None	Sour, herbaceous, green, parmesan cheese	
Chemical Purity	Gas Chromatography	%	96.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.920	0.940
Refractive Index	Refractometric Analysis	nD20	1.400	1.420

Notes

Also known as 3-methylvaleric acid

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

Date Printed: 6/26/2021