

 synerzine TM	Title:	W01755 Product Specification		
	Document #:	02-1006	Rev #:	003
	Status:	ACTIVE	Date Issued:	04/04/2025

Product Identifiers

Product Name:	*ISOAMYL AMINE
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Synerzine Item #	W01755	CAS #	107-85-7	FEMA #	3219
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Material Properties

Molecular Formula	C5H13N	Flash Point (°F, CC)	30
Molecular Weight	87.17	Boiling Point	97°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	soluble in water and alcohols.
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. Highly flammable!

Specified Critical Limits

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	Colorless	Pale yellow
Odor	Organoleptic Analysis	None	Strong, ammonia	
Chemical Purity	Gas Chromatography	% Isomeric Sum	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.746	0.756
Refractive Index	Refractometric Analysis	nD20	1.406	1.410

Notes

Purity represented as a sum of isomers as follows:
 Isomer 1: 90-100% 3-methylbutylamine (CAS# 107-85-7 FEMA# 3219)
 Isomer 2: 0-10% 2-methylbutylamine (CAS# 96-15-1 FEMA# 4241)
 Also known as isopentyl amine or 3-methylbutylamine.

This specification was generated electronically, and is therefore unsigned.

Synerzine
 Quality Control Dept.

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