

 synerzine TM	Title:	1038M Product Specification		
	Document #:	02-1006	Rev #:	001
	Status:	ACTIVE	Date Issued:	12/07/2018

Product Identifiers

Product Name:	2-ISOBUTYL-3,5(6)-DIMETHYL-PYRAZINE MIXTURE
---------------	---

Synerzine Item #	1038M	CAS #	38888-81-2	FEMA #	4100
------------------	--------------	-------	------------	--------	------

Material Properties

Molecular Formula	C10H16N2	Flash Point (°F, CC)	175
Molecular Weight	164.2	Boiling Point	at 30mm 185°F
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in organic solvents
Storage and Stability	Store in fully closed container in cool (~20°C) 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	Water-white	Pale yellow
Odor	Organoleptic Analysis	None	Green	
Chemical Purity	Gas Chromatography	% Isomeric Sum	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.924	0.934
Refractive Index	Refractometric Analysis	nD20	1.489	1.499

Notes

isomeric mixture 50-50, of
 (A) 2-Isobutyl-3,5-DIMETHYL PYRAZINE CAS NO. 70303-42-3
 (B) 2-Isobutyl-3,6-DIMETHYL PYRAZINE CAS NO. 32736-94-0

This specification was generated electronically, and is therefore unsigned.

Synerzine
 Quality Control Dept.

Date Printed: 6/18/2019