

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	N312 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	000
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	06/10/2021

**Product Identifiers**

Product Name:	2,5 & 2,6-DIMETHYL PYRAZINE MIXTURE, NATURAL
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Synerzine Item #	<b>N312</b>	CAS #	123-32-0 & 108-50-9	FEMA #	3272/3273
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**Material Properties**

Molecular Formula	C6H8N2	Flash Point (°F, CC)	139
Molecular Weight	108.14	Boiling Point	154°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly soluble in water. Soluble in organic solvents.
Storage and Stability	Store in tightly closed container in a cool (~20°C), dry place. Stable for for months with slight development of discoloration possible over time.
Handling Precautions	Avoid contact with 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	Amber
Odor	Organoleptic Analysis	None	Roasted	
Chemical Purity	Gas Chromatography	% Isomeric Sum	99.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ °C	0.978	0.998
Refractive Index	Refractometric Analysis	nD20	1.495	1.505

**Notes**

Purity represented as an isomeric sum.  
 Isomer 1 (CAS# 123-32-0): 65-80%  
 Isomer 2 (CAS# 108-50-9): 20-35%

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

**Synerzine**  
 Quality Control Dept.

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