

 synerzine TM	Title:	N300 Product Specification		
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Product Identifiers

Product Name:	NATURAL DIMETHYL PYRAZINES* (2,5 & 2,6) MIXTURE				
Synerzine Item #	N300	CAS #	Mixture	FEMA #	Mixture

Material Properties

Molecular Formula	C6H8N2	Flash Point (°F, CC)	112
Molecular Weight	108	Boiling Point	56°C at 10mm Hg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly soluble in water, soluble in most organic solvents
Storage and Stability	Store in tightly closed container in cool (~20°C) dry place. Stable for for 24 months min. 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	Nutty, chocolate, roasty	
Chemical Purity	Gas Chromatography	% Isomeric Sum	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	1.497	1.503

Notes

* 2,5-dimethylpyrazine 70-75% FEMA 3272 CAS# 123-32-0
 2,6-dimethylpyrazine 15-30% FEMA 3273 CAS# 108-50-9
 2,3-dimethylpyrazine 1-5% FEMA 3271 CAS# 5910-89-4
 2-ethylpyrazine 2-5% FEMA 3281 CAS# 13925-00-3
 Total 2,3-, 2,5- and 2,6-dimethylpyrazine min 95% Ethanol Content: 0 %

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Synerzine
 Quality Control Dept.

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