

 synerzine TM	Title:	N301 Product Specification		
	Document #:	02-1006	Rev #:	003
	Status:	ACTIVE	Date Issued:	6/26/2018

Product Identifiers

Product Name:	ALKYL PYRAZINES, NATURAL*
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Synerzine Item #	N301	CAS #	(mixture)	FEMA #	*SEE BELOW
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Material Properties

Molecular Formula	(mixture)	Flash Point (°F, CC)	69
Molecular Weight	N/A	Boiling Point	59°C at 10mm Hg
Shelf Life (days)	730	Physical State	Solid

Solubility	Slightly soluble in water; soluble in organic solvents.
Storage and Stability	Store in tightly closed container in cool (~20°C) dry place. Stable for
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, roasted	
Chemical Purity	Gas Chromatography	%	90.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	1.488	1.508

Notes

*2-ethyl-5(6) methylpyrazine FEMA 3154 & 3919
 2-ethyl-3,5(6)dimethylpyrazine FEMA 3149 2,3,5-trimethylpyrazine FEMA 3244
 2,5-2,6 dimethylpyrazine FEMA 3272 & 3273
 2-ethyl-3-methylpyrazine FEMA 3155 2,3-diethyl-5-methylpyrazine FEMA 3336
 Total pyrazine content 90% min

This specification was generated electronically, and is therefore unsigned.

Synerzine
 Quality Control Dept.

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