

 synerzine TM	Title:	W2020N-US Product Specification		
	Document #:	02-1006	Rev #:	001
	Status:	ACTIVE	Date Issued:	08/16/2023

Product Identifiers

Product Name:	VANILLIN, NATURAL (US GRADE)
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Synerzine Item #	W2020N-US	CAS #	121-33-5	FEMA #	3107
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Material Properties

Molecular Formula	C8H8O3	Flash Point (°F, CC)	307
Molecular Weight	152.15	Boiling Point	285-286°C @760 mmHg
Shelf Life (days)	730	Physical State	Solid

Solubility	Soluble in organic solvents
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.

Specified Critical Limits

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	White	Pale yellow
Odor	Organoleptic Analysis	None	Sweet, vanilla, creamy	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

Notes

NATURAL BOTANICAL SOURCE: EUGENOL; US NATURAL

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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