

 synerzine TM	Title: W2021 Product Specification	
	Document #: 02-1006	Rev #: 000
	Status: ACTIVE	Date Issued: 03/26/2019

Product Identifiers

Product Name:	ETHYL VANILLIN
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Synerzine Item #	W2021	CAS #	121-32-4	FEMA #	2464
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Material Properties

Molecular Formula	C9H10O3	Flash Point (°F, CC)	~261
Molecular Weight	166.2	Boiling Point	171°C @ 15 mmHg
Shelf Life (days)	730	Physical State	Solid

Solubility	Poorly soluble in water; soluble in alcohols, organic solvents, glycerol
Storage and Stability	Store in fully closed container in a cool (~20°C), dry place. Keep away from heat, light, and humidity. Slight development of discoloration may occur over time.
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	Off-white
Odor	Organoleptic Analysis	None	Sweet, creamy, intense vanilla note	
Chemical Purity	Gas Chromatography	%	99.0%	100.0%
Density	Density Analysis	g/cm ³ @ °C	N/A	N/A
Refractive Index	Refractometric Analysis	nD	N/A	N/A

Notes

Also known as: 4-Hydroxy-3-ethoxybenzaldehyde; 3-Ethoxy-4-hydroxybenzaldehyde
Melting Point: 76-78°C
Product may form lumps upon storage but does not effect quality.

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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