

 synerzine TM	Title:	W0544 Product Specification		
	Document #:	02-1006	Rev #:	001
	Status:	ACTIVE	Date Issued:	09/24/2019

Product Identifiers

Product Name:	4-ETHYLBENZALDEHYDE
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Synerzine Item #	W0544	CAS #	4748-78-1	FEMA #	3756
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Material Properties

Molecular Formula	C9H10O	Flash Point (°F, CC)	198
Molecular Weight	137.17	Boiling Point	221°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohols.
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	Colorless	Pale yellow
Odor	Organoleptic Analysis	None	Bitter, almond	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.960	1.000
Refractive Index	Refractometric Analysis	nD20	1.538	1.542

Notes

* Assay: usually with 2% o-ethylbenzaldehyde
1% 3-ethyl and methylbenzaldehyde

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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