



# 嘉兴市中华化工有限责任公司

JIAXING ZHONGHUA CHEMICAL CO., LTD .

DA QIAO TOWN SOUTH, JIAXING, ZHEJIANG, CHINA [www.zhhhg.com](http://www.zhhhg.com)

## SPECIFICATION

### ETHYL VANILLIN

#### (ETERNAL PEARL BRAND)

Issued Date: Jan, 2021

Chemical Name: 3-ethoxy-4-hydroxy-benzaldehyde

Formula:  $C_9H_{10}O_3$

CAS: 121-32-4

FEMA: 2464

Parameter	Unit	Value	Method of analysis
Appearance	-	Fine white or slightly yellow crystal	Eyeballing
Odor& taste	-	Strong vanilla	Paired comparison method
IdentificationA (Infared spectra)	-	Comform	IR
IdentificationB	-	Comform	UV
Assay(on the dried basis)	%	$\geq 99.90$	GC
Melting Range	$^{\circ}C$	76-78	Melting point apparatus
Loss on Drying	%	$\leq 0.5$	Silica gel drier
Residue on ignition	%	$\leq 0.05$	High temperature Ignition
Heavy Metals(Pb)	%	$\leq 0.001$	Colorimetry
Arsenic	%	$\leq 0.0003$	Arsenic stain method
Solubility	%	1g in 100 ML water (50 $^{\circ}C$ ) or in 5 ML 95% ethanol	Dynamic method
Shelf life	Months	36	
Packaging	-	20KG Carton, 25KG Drum	

- It passes identification A, B, C, D.
- Products comply with the latest FCC, and regulation (EU) NO. 1334/2008

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