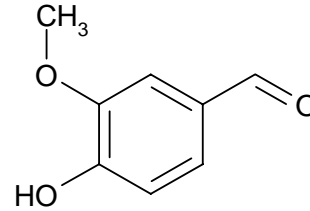


## LIFE SCIENCE PRODUCTS

## 108510 Vanillin Ph Eur, BP, NF

Formula Hill	$C_8H_8O_3$
Chemical formula	$(CH_3O)(OH)C_6H_3CHO$
Molar mass	152.15 g/mol
Density	1.06 g/cm <sup>3</sup> (20 °C)
pH value	4.3 (10 g/l 20 °C)
Form	solid
Color	white to yellowish
Odeur	characteristic
Melting point	~ 82 °C
Boiling point	~ 154 °C (13 hPa)
Vapor pressure	0.17 hPa (65 °C)
Explosion limits	
Flash point	153 °C
Thermal decomposition	> 160 °C
Heat of evaporation	
Evaporation number	
Ignition temperature	> 400 °C
Bulk density	~ 600 kg/m <sup>3</sup>
Refractive index	



Solubility in water	10 g/l (25 °C)
Solubility in ethanol	500 g/l (20 °C)
Solubility in chloroform	
Water absorption	
Saturation conc. (air)	
Dielectric constant	
Dipole moment	
Viscosity dynamical	
Viscosity kinematical	