

TECHNICAL DATA SHEET

11/25/2009

VANILLIC ACID				
4-Hydroxy-3-Methoxybenzoic Acid				
Formula: C ₈ H ₈ O ₄	FW: 168.15	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Powder / Off-White to Cream	Part Code: 13882			
Density (g/ml) d ₄ ²⁰ = NA	RI: n _D ²⁵ = NA	Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble		
Flash Point: NA Method: Closed Cup	Melting Point: 209-216°C	<input type="checkbox"/> SpS Alcohol		
Vapor Press: <0.001 mm Hg, 20°C log K(ow):	Acid Number: ≤ NA	<input type="checkbox"/> I Propylene Glycol		
		<input type="checkbox"/> I Essential Oils		
		<input type="checkbox"/> SpS Water		
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 97.0 %				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID SB-C18 150×4.6×5 + guard 7.5; A=0.1% H ₃ PO ₄ B=ACN, 85:15 Isocratic; 1mL/min.; 35°; UV 254 nm; Inj 10µL; ~0.5mg/mL ACN.				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		ODOR/TASTE
FEMA/GRAS N°: 3988 Co. Europe N°: 697 C.A.S. N°: 121-34-6 EINECS N°: 204-466-8 TARIFF N°: 2916.31.2000		NATURAL OCCURRENCE Brandy, whisky, sherry, wine, cocoa, peanut, Tarragon, vanilla, sake, mushrooms.		Vanilla odor. /
TRANSPORT:				
Hazard: none	REGULATION	HAZ. CLASS	PG	UN N°
Point 1 2 3 4	1 R.T.M.D.			
Not Regulated	2 ADR/RID			
<u>Category / other info:</u>	3 I.A.T.A.			
	4 I.M.D.G.			
SAFETY DATA: Available	TSCA: listed	PACKING CONTAINERS:		
STORAGE: Under Nitrogen		<input type="checkbox"/> Epoxy-coated Steel Drums		
Temperature: ≤ -18°C <input type="checkbox"/>		<input type="checkbox"/> Stainless Steel Drums		
≤ 5°C <input type="checkbox"/>		<input type="checkbox"/> Aluminum Bottles		
Shelf Life: ~ 12 months	RT <input checked="" type="checkbox"/>	<input type="checkbox"/> Glass Bottles		
		<input checked="" type="checkbox"/> Plastic / Plastic-lined drums		

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