

**RAW MATERIAL SPECIFICATION**

**CALIFORNIA MADEIRA**

REVISION	02/13/08	AUTHORIZATION	JFC
		PREPARED BY	KCA
NATURE OF REVISION			
DISTRIBUTION			

**I. DESCRIPTION**

Product is a California Madeira, sweet full bodied desert wine.

**II. SPECIFICATION LIMITS**

Product shall be in compliance with all applicable Federal, State and Local Regulations.

**A. Physical**

CHARACTERISTIC	LIMIT
1. <b>Appearance</b>	Amber liquid
2. <b>Flavor and Aroma</b>	Sweet, fruity, slightly aromatic, with no foreign off odors or flavors.
3. <b>Weight per gallon</b>	Approximately 8.43lbs

**B. Chemical**

CHARACTERISTIC	LIMIT	METHOD	ANALYSIS REF.
1. <b>Alcohol</b>	17.0% - 18.5%	Anton Paar AlcoLyzer	A.O.A.C. 17 <sup>th</sup> Ed. 980.2
2. <b>SO2 Free</b>	40.0 ppm max	Ripper	MAM & W (p.206) 1980
3. <b>SO2 Total</b>	200.0 ppm max	Ripper	A.O.A.C. 13 <sup>th</sup> Ed. 11.069
4. <b>Acidity</b>	0.55 to 0.70g/100ml	Titration	A.O.A.C. 13 <sup>th</sup> Ed. 11.037
5. <b>pH</b>	3.4 – 3.7	pH Meter	A.O.A.C. 13 <sup>th</sup> Ed. 11.036
6. <b>Copper</b>	0.0 - .20 ppm	Atomic Absorption	A.O.A.C. 13 <sup>th</sup> Ed. 9.029

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**C. Chemical, cont'd**

<u>CHARACTERISTIC</u>	<u>LIMIT</u>	<u>METHOD</u>	<u>ANALYSIS REF.</u>
<b>7. Iron</b>	0.0 – 7.0 ppm	Atomic Absorption	A.O.A.C. 13 <sup>th</sup> Ed. 11.022

This product shall comply with California's Department of Health Services Sections 17010 , Provisions Applicable to Wine Produced in California, and Section 17015, Wines Bearing the Appellation of Origin "California" or a Geographical Subdivision Thereof.

**III. PACKAGING**

- A. Food grade plastic containers approximately 57 gallons
- B. Larger containers up to tank truck available.

**IV. STORAGE**

Wine should be kept in full containers and protected from air. Shelf life of unopened plastic containers is 4 to 8 months, depending on storage temperature. Should be stored at 55 to 75 F and shipped at ambient temperature.