

RAW MATERIAL SPECIFICATION

**CALIFORNIA PORT**

REVISION	11/14/12	AUTHORIZATION	J. CRIBARI
		PREPARED BY	K. ANSON
NATURE OF REVISION			
DISTRIBUTION			

**I. DESCRIPTION**

Product is a California Port, 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>	Dark Red liquid
2. <b>Flavor and Aroma</b>	Fruity, slightly aromatic, with no foreign off odors or flavors.
3. <b>Weight per gallon</b>	Approximately 8.3lbs

**B. Chemical**

CHARACTERISTIC	LIMIT	METHOD	ANALYSIS REF.
1. <b>Alcohol</b>	17.0% - 19.0%	Anton Paar Alcoalyzer	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>	0.30 to 0.80g/100ml	Titration	A.O.A.C. 13 <sup>th</sup> Ed. 11.037
5. <b>pH</b>	3.0 – 3.9	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

**CALIFORNIA PORT**

**C. Chemical, cont'd**

<u>CHARACTERISTIC</u>	<u>LIMIT</u>	<u>METHOD</u>	<u>ANALYSIS REF.</u>
7. <b>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.

**D. Bacteriological Data**

All wines may contain some Lactobacillus and Pediococcus bacteria, as well as some Saccharomyces yeast not removed by filtration. These are residual from fermentation and populations will be low. Improper storage may allow the growth of the previously mentioned organisms as well as Acetobacter (vinegar producing) and Candida (film yeast).

**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.