

Q & TS - BERMUDA HUNDRED
Citric Acid Laboratory Study
February 16, 1990

Purpose: To make up and measure Citric Acid for % CA, S.G., and pH.

Plan: The ratio used was 1:3.561 wt. to wt. to come up with the 21.9% CA. Three samples were prepared by this ratio and analyzed by % CA, S.G., and pH. Citric Acid from the flavor room was used.

6703-459

The weights chosen were 21.000 grams of CA to 74.781 grams of water.

PT 440

Test:	Sample #1	Sample#2	Sample#3
H2O Wt.	74.791	74.785	74.793
CA Wt.	21.0010	21.0006	21.0001
% CA Cal.	21.92%	21.93%	21.92%
% CA measured	22.05%	21.92%	21.99%
S.G. of CA	1.0933	1.0928	1.0932
pH of CA	1.26	1.26	1.26

1.0928 → 1.0933