



JPA GRAPE JUICE LAB PROFICIENCY TESTING

Lab Proficiency Test Reporting Form

All results must be submitted to UGA by September 1, 2023. Results submitted after this date will NOT be accepted. Send results by uploading the results to the link in the official website (<https://site.caes.uga.edu/fst/submission/>). Alternatively, you can mail the results to Dr. Anand Mohan (UGA-JPTP@uga.edu).

NAME OF ANALYST:

DATE:

ADDRESS:

COMPANY:

<i>Test Name</i>	<i>Units</i>	<i>Check box if test is not performed</i>	RAW DATA ONLY (do not average)	
			RESULTS	
			A (required)	B (required)
Soluble Solids (Brix) * Acceptable range: 15.0 - 17.0 at 20°C	%	<input type="checkbox"/>	__ . __	__ . __
Titrateable Acidity (wt/wt) Acceptable range: 0.4 - 0.7 <i>(Note: If an auto titrator set up for citric acid is used, multiply citric acid value by 1.172 to convert to tartaric acid)</i>	as % Tartaric Acid	<input type="checkbox"/>	__ . __	__ . __
Color (absorbance at 520 nm and pH 3.2) Acceptable range: 3 - 8 <i>(Color is reported as CA/ gram, where CA (Corrected Absorbance) units equal the spectrophotometric absorbance, corrected for dilution. CA/gram is calculated as follows: CA/g = absorbance x volume of dilution (mL) / sample aliquot weight (g) Use a 10% dilution or 10g sample to approximate 90 ml buffer.)</i>		<input type="checkbox"/>	__ . __	__ . __
Turbidity(as NTUs) Acceptable range: Less than 100 NTUs		<input type="checkbox"/>	__ . __	__ . __
pH Acceptable range: 2.0 - 4.0		<input type="checkbox"/>	__ . __	__ . __
Ascorbic Acid Acceptable range: 48 - 105	mg/100 ml	<input type="checkbox"/>	__ . __	__ . __
*Please note that an Acceptable Range has been given for each parameter in this testing round. Results outside the listed range will be treated as an OUTLIER and will not be included in statistical analysis. If you have any questions or concerns, please contact Dr. Anand Mohan (UGA-JPTP@uga.edu)				

Instructions for using this form:

Using the same sample of juice, make duplicate (2) measurements for each parameter above. TYPE your raw data into this PDF form. DO NOT AVERAGE your data. NO HANDWRITTEN FORMS WILL BE ACCEPTED. Use a separate form for each analyst. When saving this file, use the company name, analyst's name, and GRAPE in the filename. Analysts will be assigned random code numbers to ensure anonymity. The final report will only be sent to the company contact person(s) listed on the enrollment form.