

DRAFT

TCJJP Minutes March 13, 2003 Orlando, Florida

- I. **Introductions:** Chairman Martin Stutsman called the meeting to order. The minutes of the September 26, 2002 meeting in Los Angeles were approved. New members were welcomed and introductions around the room were made. Twenty one persons signed the attendance roster. Carla Barry appeared by telephone for a portion of the meeting.
- II. **Secretary-Treasurer Report:** Secretary-Treasurer Kristen Gunter reported that the balance in the TCJJP account was \$17,712.17. There were 19 companies/individual memberships (some additional paid/joined at the meeting) It was noted that declining memberships might be due to failure of non-paying companies getting notices since only paid up member received meeting information. **Action.** As notices are now published via email, Gunter indicated that she would expand the mailing list and attempt to update it to include old members. (Note: This was effected after the meeting) Also Eric Wilhelmsen is to post the mailing list on the website.
- III. **Update on Research Grants:**
 - a. **Total Anthocyanin Summary:** Dr. Ron Wrolstad did not receive a notice of the meeting, but provided this report for inclusion in the minutes:

Progress report on AOAC collaborative study, "Determination of Total Monomeric Anthocyanin Pigment Content by the pH Differential Method of Fruit Juices, Beverages, Natural Colorants, and Wines", by Jungmin Lee, R. W. Durst R. E. Wrolstad, Department of Food Science and Technology, Oregon State University

Final approval to proceed with the collaborative study was given by AOAC November 5, 2002. Samples were sent to 13 different laboratories on January 7, 2003, with a request that results be returned by February 28th. The deadline has been extended to March 31, 2003. As of March 21, 2003, we have received the results form 8 of the 13 laboratories. Two labs have indicated that they will be sending us their results soon.

We have conducted a homogeneity test, short-term stability test, and a long-term stability test is in progress.

Treasurer's Note: Pursuant to September 26, 2002 TCJJP approval, Oregon State University submitted a supported invoice (4/30/03) for \$1198.46 for reimbursement for packaging supplies, samples and express mailing costs associated with this collaborative study. The invoice was paid to the Agricultural Research Foundation. The study manuscript was sent to the General Referee and accepted for a poster

session at the 2004 AOAC meeting.

b. BMIS by HPLC-PAD: At the last meeting it was requested that TCJJP be given appropriate credit as a sponsor with NJPA and PAI. It was reported that Dr. Low has given TCJJP sponsorship credit in the latest publication of the study. **Action.** Stutsman is to contact Dr. Low to see if he is going to send an additional proposal for work on developing methods to detect the presence of beet medium invert sugar in apple juice concentrates.

IV. Collaborative and Other Research:

- a. Cap-GC heat v. beet second NFPA paper: Action:** Gunter was asked to get a report from David Hammond who was unable to attend.
- b. Phlorin, Didymin and Narirutin by CZE and HPLC:** Dr. Paul Cancalon reported that these compounds may be useful in detecting the presence of water extracted soluble orange solids in orange juice using two methods, CZE and HPLC. It was reported that the study was proceeding with 8 labs. Collaborating laboratories had to first agree on a buffer and it appeared that the buffer recommended by RSSL would be chosen. No Florida Dept of Citrus expenses have been requested for reimbursement.
- c. Anthocyanins:** See above report from Wrolstad.
- d. Limonin-(IFU-TCJJP collab): Action:** Gunter to obtain status report from Dr. Hammond. Hammond has reported that over the winter IFU's Analytical Commission had 5 laboratories look into a revised method and sep-pak concentration. The data look satisfactory with only one outlier reported. It will be determined by IFU if a full trial will be conducted.
- e. Polyphenols/NFPA data:** Tom Eisle, absent at the meeting, has since reported that he has been unsuccessful in obtaining anything from NFPA. If anything exists, it is in a misplaced box.
- f. Apple juice concentrate/NIST standards:** It was reported that since the 12 month storage study had been completed, Tom Eisle was asked to report further progress on the development of a reference standard. Eisle has since reported that NIST indicated that they would only accept results by certified labs. Through NIST, this work would cost approximately \$100,000. Eisle indicated that he found this cost unacceptable and NIST appeared unwilling to negotiate.

V. TCJJP database update/ Website update: Eric Wilhelmsen gave a comprehensive report on the status of the website and database.

- a.** The bulletin board was not being used. **Action:** Reminder in minutes to members that this service is available. Also, Eric Wilhelmsen will, publicize the service on the website with a few enticing examples: i.e. "Are you looking for information on how to deal with a flickering FID detector?"
- b.** Comments from members showed interest in organizing the website differently, such as placing all meeting agendas in one place, organizing the database so that it is more user friendly, finding TCJJP from search engines. **Action:** Eric agreed to report back his ideas which are included as follows: Eric proposes the following work:

- 1) A complete rebuilt of the website including a reorganization of the archive files. Files names will be made systematic and subdirectories will be created.
- 2) Reorganization will include adding color and constant navigation bar on main pages. It will look more professional. See www.atpconsultants.com.
- 3) Methods forum will be created. Its structure will need to be developed. At present the plan will be to use the existing bulletin board but additional software maybe required.
- 4) Content pages will created to capture content either as uploaded files or as links. I will post provided content. This exercise will create a data structure for the information.
- 5) Submit to Google and other major indexes.
- 6) Upload workshop information as it develops.
- 7) Optionally, I will present a report/demonstration regarding the revised website at the September meeting if an LCD projector is available.

Eric indicated that these objectives go beyond the basic support TCJJP has paid for in the past. He indicated he has been and will continue to provide support for the website for at least the intermediate term. This basic support includes placing agendas and other such administrative materials on the website. The cost was estimated at \$1500 and the TCJJP Board was authorized to approve the expenditure prior to the next meeting. **Action:** Board to review expenditure before next meeting.

- VI. PAI Update:** Lynn Hageman reported that PAI has collected patulin data and has reported results. Also, PAI members are submitting data on heavy metals and pesticide residues. Ms. Pat Faison at Kellen Company is managing the data. PAI and NJPA are expected to merge with the new organization up and running in the fall of 2003.
- VII. Proficiency Testing Recommendation:** Greg Joseph reported that FAPAS was selected as the supplier for proficiency testing. They are located in York, UK tel. 44(0)1904 46 2100 and website at fapas@csf.gov.uk
- VIII. Bioterrorism Act:** For information only, Martin Stutsman gave an overview of the Bioterrorism Act and proposed FDA regulations to implement food company registration requirements and prior notice of food imports. Final rules will be published. Registrations must be made between Oct. 12 and December 12, 2003. Food will stay at the port of entry until the importer has registered. No FDA rules are currently in effect. It was anticipated that the FDA's prior notice system and U.S. Customs different system will be integrated as a single system in 2005. See: www.fda.gov/oc/bioterrorism/bioact.html.
- IX. Codex Update:** Martin Stutsman and Carla Barry reported that the Codex Committee on Methods and Analysis reviewed the table of methods previously reviewed by TCJJP and proposed in the Codex ad hoc task force on Fruit and Vegetable Juice and Nectar Standards and had suggested guidance. They reported that the analytical tables will be reviewed with this guidance in the May 2003 meeting of the task force in Salvador, Brazil. The committee advised Barry and Stutsman that authenticity methods should remain in the table of methods. The committee discussed various methods relating to additives. Steve Kupina offered to send a non-published method for carbon dioxide the measure CO₂ in sparking juices. Kevin Gaffney offered to get a journal reference for a combined method for benzoate and sorbate. Also, there may

- be revisions relating to the proposed standards section on additives. It was reported that the Brix tables would likely not be resolved at the next meeting.
- X. **EU-SGF Project:** Michelle Lees provided this report for the minutes: The “Pure Juice” project is underway and has been running 9 out of the total of 36 months planned. Little actual data has been produced during this first stage, with a focus on method development. The sampling of juices world wide has begun and is being carried out by SGF inspectors.
 - XI. **Workshop Planning:** A subcommittee met and a workshop is being planned for spring 2004 in Florida.
 - XII. **Next Meeting: The next meeting of the TCJJP is to be held in Atlanta, GA, USA September 18, 2003 at the Westin Peachtree Plaza Hotel. Volunteers for the nominating committee were solicited.**
- Elections for Chair Elect, Secretary Treasurer and board position(s) expiring in 2003 to be conducted over the summer.