### Review of Agenda

**Motion:** The November 2013 proposed agenda is acceptable. D.Sullivan motioned to accept the agenda; C. Welch seconded the motion.

**Vote:** All in favor.

**Motion passed.**

### Membership Review

P. Brown highlighted the need for voting members representing the industry interest category.

### Review of Recent and Current Ballots/Standards Administration

J. Evans referred the group to the meeting packet, which includes the list of recent revisions and ballots.

### Review of Old Issues

**DS-2012-1 Rancidity (revised)**

**Discussion:** A. Ewing opened the discussion by reviewing her revised issue paper addressing rancidity testing on oils. During the collection of oil samples raw materials were being contaminated. It was agreed that the testing of the oils shall be conducted under ISO 17025 accredited laboratory. The group proposed moving this testing component under **section 8 Good Manufacturing Practices.** One key question was how will the auditor determine what controls are acceptable? D. McKay brought up that the issue of the standard test was not fit for finish product testing. He went on to also say that Nutrasource Diagnostics developed test, AOCS will validate the test. Could this test method be referenced in the standard to address this issue? J. Travis reiterated that if a method is referenced in NSF/ANSI 173, it has to be conducted in an ISO 17025 accredited lab. D. McKay suggested adding general language about testing, but to not include the specific method. The group agreed that more work should be done at the task group, please see action items for additional details.

### Review of New Issues

**DS-2013-1 Incorporating the requirements of NSF Functional Food Guideline 229 into NSF/ANSI 173**
**Discussion**: A. Ewing presented her issue paper proposing incorporating NSF 229 Functional Food Guideline into NSF/ANSI 173. The changes include adding wording to cover the functional food guideline; none of the requirements were removed.

P. Brown agreed that NSF has defined a functional food in NSF 229, but posed the question to the committee, how can this be applied globally? J. Betz says that it’s a conventional food or dietary supplement. D. McKay mentioned that if you make a structure function claim along with a health claim, that would it be considered a functional food. J. Betz asked if there was an NSF program for conventional food products. The answer is, no there is currently not a program addressing these product types. There was consensus around keeping dietary supplements and functional foods separate, because combining them would lead to confusion in the industry. A. Ewing reiterated that there is confusion with having them separate as well. A mechanism is needed to ensure that NSF 229 is relevant and current in its requirements. There was discussion on whether or not the GMP requirements are similar for both product types. There are key differences that were highlighted including the regulatory standpoint. There was agreement around having the Joint Committee oversee the management of both NSF 229 and NSF/ANSI 173. J. Betz stressed the need to invite food experts to participate on the Joint Committee if the decision.

**Motion**: A. Shao moved to add functional food experts to the Joint Committee, D. Sullivan seconded.

**Vote**: S. Ulery opposes the motion. C. Welch abstains.

**Motion passed.**

**DS-2013-2 Protein Labeling**

**Discussion**: CRN, AHPA, and NSF are all doing work looking at the economic adulteration for proteins. J. Travis is proposing to add wording to the standard to address this common issue, in addition to this there would also need test methodology to be referenced. A. Wong discussed existing standards for whey protein and derivited whey products, there is an advisory board that oversees method development. D. Sullivan agrees this needs to be addressed, the methods need to be discussed and researched in more detail. J. Travis poses the question of whether or not we require a definition of protein. There is currently not a standard definition of protein. What kind of language should be included in the standard? There was agreement on defining protein, include the parent, i.e. whey protein, soy protein. Committee agrees to form a working group to further develop wording for NSF/ANSI 173 [volunteers F. Jaksch, A. Wong, D. Sullivan, J. Travis, D. Mckay]. It should also be considered to combine efforts with CRN’s working group.
**Lab Proficiency**

**Discussion:** P. Brown stressed the need to form a task group on identity testing [volunteers, K. Rimmer, L. Harding, S. Gafner, J. Travis, G. Zielinski (also look at volunteers from 2012 JC meeting)] The group is tasked to look at guidance for lab testing, and methods (lab proficiency). The focus will be on purity, potency and strength. S. Gafner is currently developing guidance that should be considered further by this task group. A. Shao mentioned that most companies are playing catch up of testing products that are already in the marketplace. A. Ewing went on to ask if this would be included in the standard in section 6. P. Brown said that this would provide guidance to support the standard and not be included in the standard. R. Upton supported including it in the standard, but said not to include the specific method, only to provide guidance and it is up to the manufacturer to make a scientifically sound decision.

**VI Task Group Updates**

**AHP Monograph Review Task Group**

**Discussion:** R. Upton said that the focus of the group is to take 99.9% American Ginseng to an ANSI standard. Currently it is an inefficient process to address comments. There needs to be further communication to refine the process, NSF staff will help to facilitate the logistics of this group to finalize for publication. D. McKay suggested pushing for Aloe Vera as the next ingredient for consideration. Another key item of focus will be to finalize Ginseng.

**Metals**

**Discussion:** There was consensus from the Joint Committee to issue the ballot, without arsenic. It was agreed that more information was needed on arsenic and that it would be represented with additional justification.

**Product Exclusion (formally DS Herbal Safety Review Task Group)**

**Discussion:**

L. Thomas opened up the discussion by stating that there are products that NSF has chosen to Certify to NSF/ANSI 173. It was discussed whether or not additional language is added to the standard addressing health effects. L. Thomas went on to give the e-cigarette example; the group agreed the delivery is not within the scope of a dietary supplement. This delivery system is not a legal dietary supplement. How does the Certifying Body have the ability to make this determination? It is about perception, do we want to have sexual enhancement products in the certified to NSF/ANSI 173? M. Jost mentioned that it is more appropriate to include the list of unacceptable ingredients in the certification guideline; it is up to the Certification Body what product types they will certify. P. Brown confirmed that the task group will take a look at these ingredients and evaluate the safety, adulteration issues, etc. D. McKay suggests adding wording on using caution for certain product types and ingredients, as a public health and safety company. R. Upton suggested that a clause be added to NSF/ANSI 173 that the Certification
Body has the right to refuse certification. D. McKay mentioned that this may be an anti-trust issue; legal input should be required when finalizing the wording for incorporation into NSF/ANSI 173.

J. Evans proposed the next annual meeting to be held at Supply Side West 2014. There were no objections. P. Brown asked for a motion to adjourn the meeting. C. Welch motioned and D. M

**Action Items:**

1. Schedule meeting with Nutrasource, AOCS, Staci, Paula, D. McKay, GOED [expand existing Rancidity working group].
2. Provide membership rosters of all current task groups.
4. Add statement to NSF/ANSI 173 to address products that would be eligible for Certification under NSF/ANSI 173.
5. Look at the capability of Kavi and whether or not we can have live working documents in the NOW system.
Meeting Participants

Joint Committee Members

Wendy Applequist (Missouri Botanical Garden)
Heather Arnold (Access Business Group/Nutrilite)
Joseph Betz (National Institutes of Health (NIH))
Angela Ewing (NSF)
Frank Jaksch (Chromadex)
Douglas Mckay (Council for Responsible Nutrition)
Kate Rimmer (National Institute of Standards and Technology (NIST))
Mitzi Rettinger (Cerilliant Corporation)
Andrew Shao (Herbalife)
Darryl Sullivan (Covance Inc.)
Susan Ulery (Assure Consulting, dba Select Quality LLC)
Roy Upton (American Herbal Pharmacopoeia)
Cara Welch (Natural Products Association)

Observers

Dave Ellis (CPSDA)
Stefan Gafner (American Botanical Council)
Lance Harding (Herbalife)
Mark Jost (Chromadex)
Andrea Wong (Council for Responsible Nutrition)
Garret Zielinski (Covance Inc.)

NSF International Staff

Jennifer Lehman
Lisa Thomas
John Travis