

AAFCO LM&SC Fat Soluble Vitamins Working Group

Vitamin A Team & Vitamin E Team

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Pittsburgh, PA August 2016

Review

- **Round-robin study results exhibited poor reproducibility**
- **Check methods with highly homogeneous sample: infant formula, cheese product, and/or poultry liver**
- **Received AAFCO grant to purchase NIST SRM 1849a infant formula**

QUESTION

- Are we going about this the right way??

Past Approach

- **Assumed that there are many good HPLC methods available: AAFCO Check Sample data.**
- **Identify and eliminate methods that are not acceptable**
- **Consolidate remaining methods into 1 to 3 methods to be studied**

Better Approach?

- **Invite labs to perform a pre-collaborative study on their method**
- **Working group and/or committee would need to decide on matrices to study and appropriate sample preparation**
- **Laboratory for selected method would lead collaborative study**

Advantages/Disadvantages

- + Laboratories willing to put in the work will be leading the project**
- + Faster, more efficient progress**
- May miss out on better methods**

Discussion?

Action Items

- **Send comments to working group leaders**
 - ✓ **H. Dorota Inerowicz – inerowic@purdue.edu**
 - ✓ **Ken Riter – ken.riter@purina.nestle.com**
- **Conference call to discuss**

