



February 29, 2008

Ms. Kate Naughten
Outreach Coordinator
NOAA Aquaculture Program
Alternative Feeds Initiative
1315 East-West Highway
Room 13117
Silver Spring, MD 20910

Delivered via e-mail to NOAA.Aquaculture@noaa.gov

Dear Ms. Naughten:

Thank you for the opportunity to comment on the NOAA-USDA Alternative Feeds Initiative. I am writing on behalf of Martek Biosciences Corporation (Martek) which is a public company engaged in the research and development of products derived from algae, particularly those containing DHA omega-3 and other nutritionally important fatty acids. Founded in 1985, Martek is a world leader in discovering algae's useful properties and developing nutritional applications.

Martek produces a safe source of omega-3 DHA from microalgae grown in a sterile fermentation process. Martek's DHA omega-3 algal meal is a vegetarian dietary ingredient that is currently used as an alternative to DHA omega-3 derived from fish meal and fish oil. Martek extracts DHA omega-3 rich oil from the harvested algae and sells it for use as a premium source of DHA in infant formulas, foods, dietary supplements, and animal food and feeds. Our **cGMP processes** are FDA regulated and today we are one of the world's largest producers of DHA-rich oil and algal meal products sold domestically and abroad.

Martek's DHA GOLD algae product has been used to enrich eggs for over 10 years. DHA GOLD provides a premium, contaminant-free and sustainable source of stable omega-3 DHA in a powder form that is easy to handle and has **consistent potency**. The product is produced using approved written procedures. All raw materials used in the process are documented and **traceable**. Every batch is tested and has its own certificate of analysis completed by an outside testing laboratory. The algal meal is produced from a **patented fermentation process** using **non-GMO** algae. Since 1997, Martek has expanded its operations significantly to provide capacity to meet increasing demand for its products from the infant formula, food and animal feed markets.

Using DHA omega-3 algal meals coupled with alternative sources of protein can reduce reliance on fish oil and fish meal products and at the same time circumvent the many environmental challenges facing fish-based sources of DHA omega-3. Using alternatives like Martek's algal meal can help



reduce depletion of wild fish stocks and reduce concerns about pollutants in the food supply coming from contaminated fish sources.

Best Regards,

A handwritten signature in black ink that reads "Paul Kelley". The signature is written in a cursive, flowing style.

Paul Kelley
Executive Director, Global Animal Nutrition
Martek Biosciences Corporation