From:
 Nilesh Dighe

 To:
 Ed Wolfrum

 Cc:
 Bill Rooney

Subject: Diffusion study for solubles

Date: Thursday, October 01, 2009 10:14:33 AM

Ed-

We made an effort to address the problem of not seeing any significant differences in the bagasse solubles and the whole solubles. We designed a replicated test where the treatments were the number of water-diffusion's (0, 1, 2, 3, 4) to the pressed bagasse sample. Eash diffusion treatment was for 3 minutes at 140-150 F.

The rationale behind this study is: Pressing the samples, one time is not significantly removing the solubles in the bagasse samples, thus making them not significantly different from the whole samples. By diffusing these bagasse samples in hot water should remove the available solubles, and thus the treated samples should have lower solubles than the non-treated bagasse samples.

From this study, I have a set of 10 samples and one untreated whole sample that we like to have the wet chem data for solubles. I was wondering if it is possible for you to process these samples for us. If you decide to do soluble analysis on these samples, would 20 grams/sample be enough?

Regards, Nilesh

---- Original Message -----

From: "Ed Wolfrum" < Ed.Wolfrum@nrel.gov>
To: "Nilesh Dighe" < nileshdighe@neo.tamu.edu>

Sent: Monday, September 28, 2009 11:45:12 AM GMT -06:00 US/Canada Central

Subject: Samples arrived

Nilesh.

I was out all last week with the flu. I have the samples you sent, and I will get working on the extractions this week.

Fd

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