

**From:** Brad Reznick [mailto:breznick@chemir.com]  
**Sent:** Friday, September 08, 2006 3:43 PM  
**To:** gromerof@comcast.net  
**Cc:** Chrissa Schremp  
**Subject:** Chemir Job #60587

Good Afternoon, Gus,

The protein test of your product was performed as follows:

- 1) Approximately 1 g of the product was dissolved in approximately 10 g of toluene.
- 2) The toluene solutions were split into approximately half.
- 3) Into the tube marked "Blank" was added approximately 4 mL of clean toluene.
- 4) The tube marked "centrifuged" was centrifuged. At the bottom was a yellowish layer with some insoluble materials. Approximately 4 mL of the toluene soluble component was removed and mixed with Bradford reagent. This reagent turns blue on exposure to proteins.
- 5) The tube marked "#1" was not centrifuged. The Bradford reagent was added to the entire sample.
- 6) The samples were not dried down to avoid interference from the toluene-soluble blue dye in the sample.
- 7) Each of the samples was vortexed vigorously to ensure the reaction with the Bradford reagent.

The results are as follows:

- 1) The water (bottom) layer of both the "Blank" and "Centrifuged" samples remained brown, indicating that no protein is present.
- 2) The water (bottom) layer of "#1" turned yellow from the dye in the sample, the top (toluene) layer is green from the combination of the two dyes in the sample. No brown was noticed in the yellow layer, indicating a possible positive result.

Attached is a JPG file of a photo of the experimental vials.

At this point, I am planning to submit a final report. If you have any further questions, feel free to call or e-mail me.

Thanks,

Brad

Brad Reznick

Project Leader

**Chemir Analytical Services**

2672 Metro Blvd

Maryland Heights , MO 63043

Tel: (800)659-7659

Fax: (314) 291-6630

