Dear Dr. Lynd and Madeline,

Thank you so much for agreeing for your patience. This shipment contains the pellet after SSF on Dilite acid pretreated corn stover (160 °C, 20 minutes). The pretreated material was split into two bioreactor runs detailed below. I will send the complete table for bioreactor set up, mass balances and composition as via email shortly.

**Bioreactor Set Up:**

WV: 1000 mLs

Glucan loading 5 wt%, 50 grams, 60.2% glucan

MC: 79.18%

Wet solids: 398.86 grams

Enzyme loading: 15 mg/g glucan, Pre-hydrolysis run for 12 hours overnight prior to inoculation

Innoculation volume: 50 mL OD 2 (600 nm)

**Pellet:**

The bioreactor was sampled on day 7, 9, and 10 to measure glucose remaining in solution. Glucose was consumed on day 10 for both bioreactor runs. The broth and residual solids were centrifuged and the residual solids (unwashed) are in the two sample bags provided.

**Tracking number (Fedex): 8166 2927 7551**

# **Samle**

# 

1. **10 day pellet of SSF Bioreactor 1:**

Bag weight: 9.05 grams

Bag + wet biomass: 157.39 grams

MC: 71.06%

1. **10 day pellet of SSF Bioreactor 2:**

Bag weight: 9.06 grams

Bag + wet biomass: 144.07 grams

MC: 69.96%

Thank you,  
Priyanka Singh

Dr. Charles Wyman

For shipment centers: We confirm the material is non-hazardous material intended for research purposes only. The material was generated at the University of California and is intended for research at Dartmouth College.