VISAYAS STATE UNIVERSITY

DEPARTMENT OF PURE & APPLIED CHEMISTRY
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May 10, 2022

Dr. Edgardo E. Tulin
President
Visayas State University

Dear Dr. Tulin,

Good day! I hope you are doing well. The two of us are 4th year BS Chemistry students here at VSU, currently preparing for the experiments needed for our theses, and you have once approved our request for chemical storage at the Tuklas Lunas Development Center. We are, again, asking for your approval of request; may we borrow certain amounts of alpha-glucosidase, PNPG, and acarbose from the Tuklas Lunas Development Center while waiting for our order (the said chemicals) to arrive? We've been waiting for almost six months since our payment, and was told just recently that the earliest shipment will be on the 2nd week of May with an ETA on the 3rd week – which provides too little time for us to properly conduct since we are expected to terminate our experiments by May 20. We will just have our ordered chemicals as replacements upon arrival. The specific details of the chemicals we ordered are as follows:

1. G5003-100UN: **α-Glucosidase from *Saccharomyces cerevisiae*** [Type I, lyophilized powder, ≥10 units/mg protein (using p-nitrophenyl α-D-glucoside as substrate); Enzyme Commission number: **3.2.1.20** (BRENDA, IUBMB); Protein content = 59% and Specific activity = 41 Units/mg (from CoA of the specific lot)]

2. N1377-1G: **4-Nitrophenyl α-D-glucopyranoside (PNPG)** (≥99%)

3. PHR1253-500MG: **Acarbose** (Pharmaceutical Secondary Standard; Certified Reference Material)

Ms. Jo Jane Atok has already affirmed that the items we ordered can be used as replacements for the chemicals we are planning to borrow from the laboratory. The specific amounts of the chemicals we are planning to borrow are as follows:

1. α-Glucosidase = 30 mL of 0.5 Units/mL
2. PNPG = 500 mg
3. Acarbose = 100 mg

We're hoping for your kind consideration. Thank you, and God bless!

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Very truly yours,

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APPROVED:

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President