

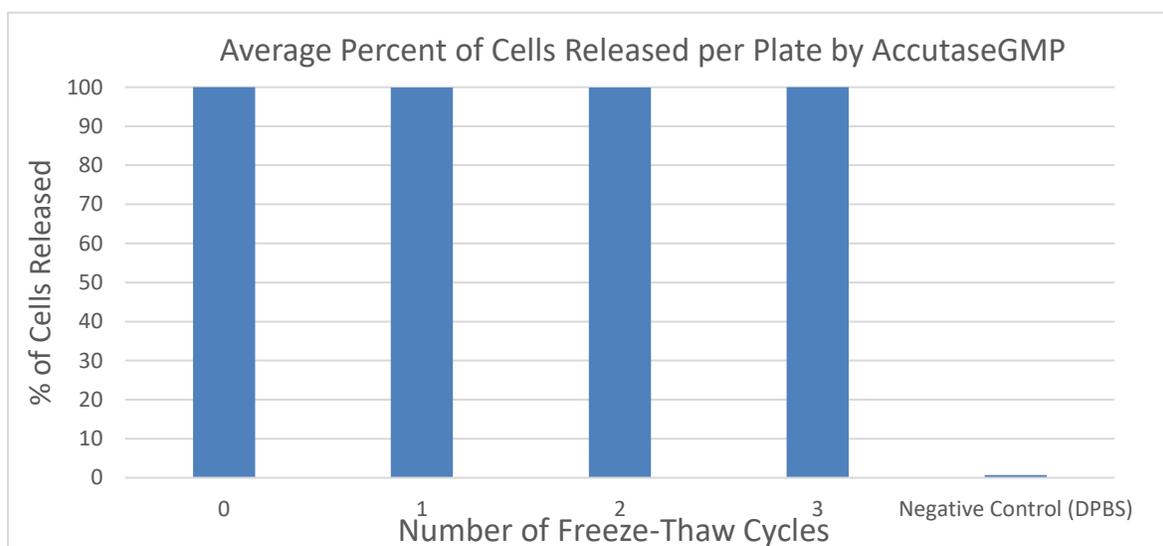


## Your AccutaseGMP<sup>®</sup> arrived partially defrosted?

Twenty+ years ago ICT made the decision to ship all Accutase on Blue Ice instead of Dry Ice. This was done in an effort to reduce CO<sub>2</sub> emissions and minimize our environmental footprint. Internal QC experiments at ICT had shown the Accutase enzymes to be stable under these shipping conditions. ICT has not received any complaints about the performance of the product under these shipping conditions to date.

All Accutase including AccutaseGMP shipped under these conditions normally arrives partially defrosted and it does not negatively impact the product in any way. As for storage, AccutaseGMP should be stored at 2-8°C upon receipt. The material will remain thawed and be ready for use. AccutaseGMP is stable when stored at 2-8°C for up to 12 months from the date of manufacture.

To reassure you of this claim, we conducted the following experiment using our standard QC cell line of adherent cells as a gold standard to determine the impact of freeze-thaw cycles on the performance of AccutaseGMP. The following data was collected by measuring the average percent of cells released by AccutaseGMP after shipping and multiple freeze thaw cycles.



The results of this experiment indicate:

- AccutaseGMP can undergo 3 freeze-thaw cycles without a reduction in the percent of cells released.
- When AccutaseGMP arrives partially defrosted, it can be placed in the refrigerator at 2-8°C for use later with no impact on cell detachment.

If you have any further questions about this issue, please do not hesitate to contact us at 858 587-1716 or [info@innovativecelltech.com](mailto:info@innovativecelltech.com).

Quality Assurance - July 10th, 2023