

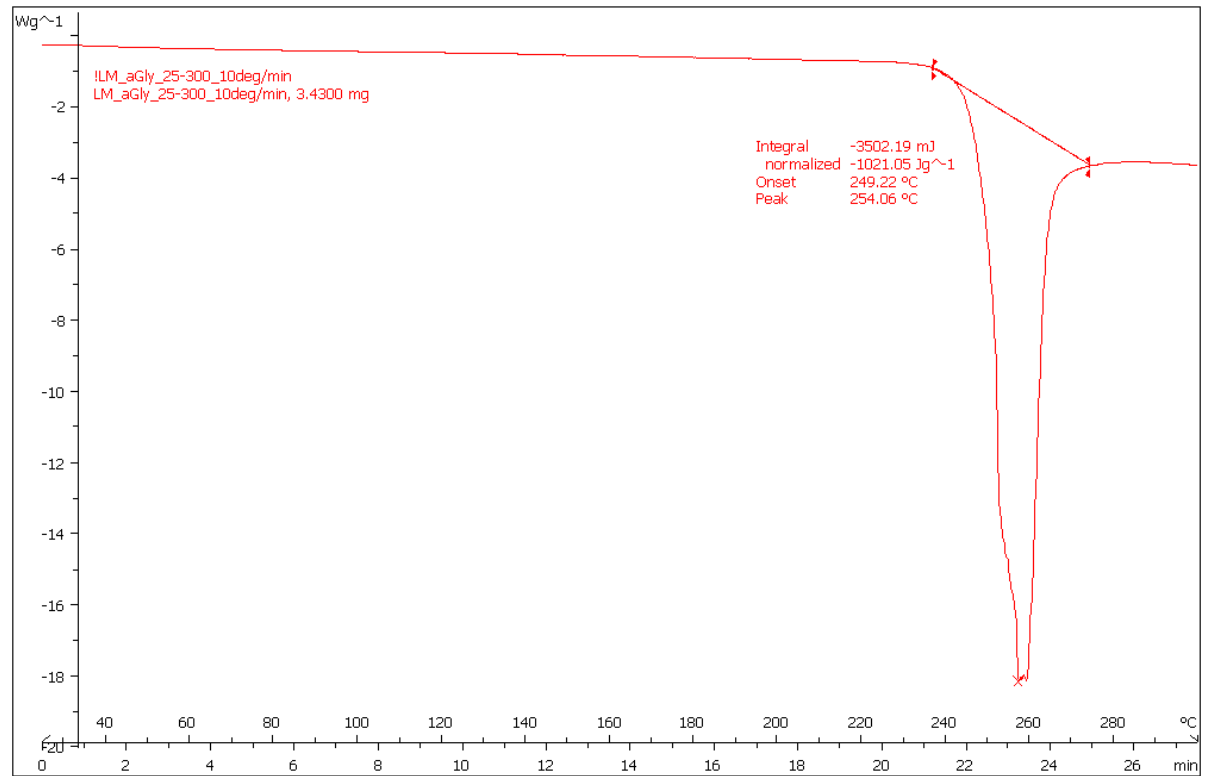
DSC

Attached are DSC curves of the α and γ polymorphs of glycine. These are plotted as heat flow in W/g (watts per gram) vs Temperature ($^{\circ}\text{C}$). Endothermic and exothermic processes will appear as troughs and peaks depending whether heat is taken in or given out in the process. This is shown by an increase or decrease in the heat flow hence giving the trough/peak observed.

These DSC curves were recorded using a $10^{\circ}\text{C}/\text{min}$ heating rate (identical to the HSM heating rate used). Look at these curves and interpret them for each polymorph. Overlays are also included to allow you to compare the two polymorphs.

Note any observations you make including temperatures for any points you make ensuring you clearly specify which polymorph you are describing. Compare the two polymorphs and note any differences/similarities between them. Try to tie in this data with the HSM observations made.

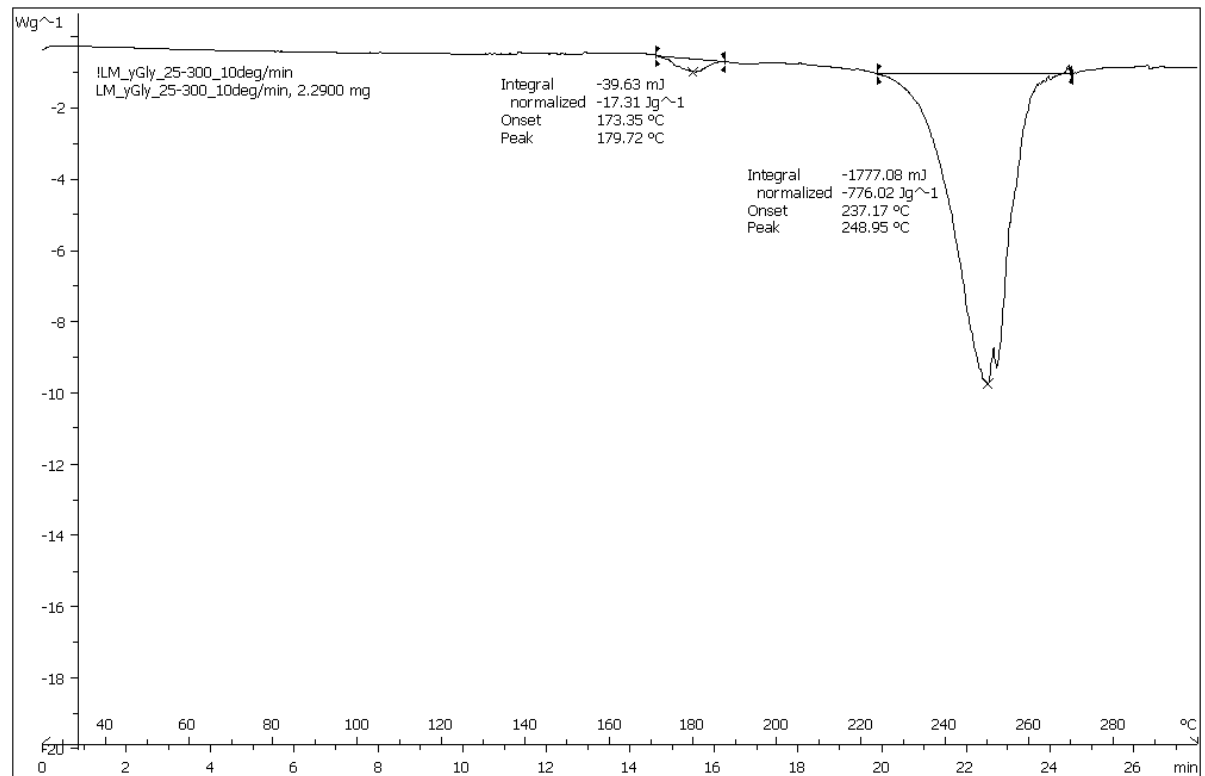
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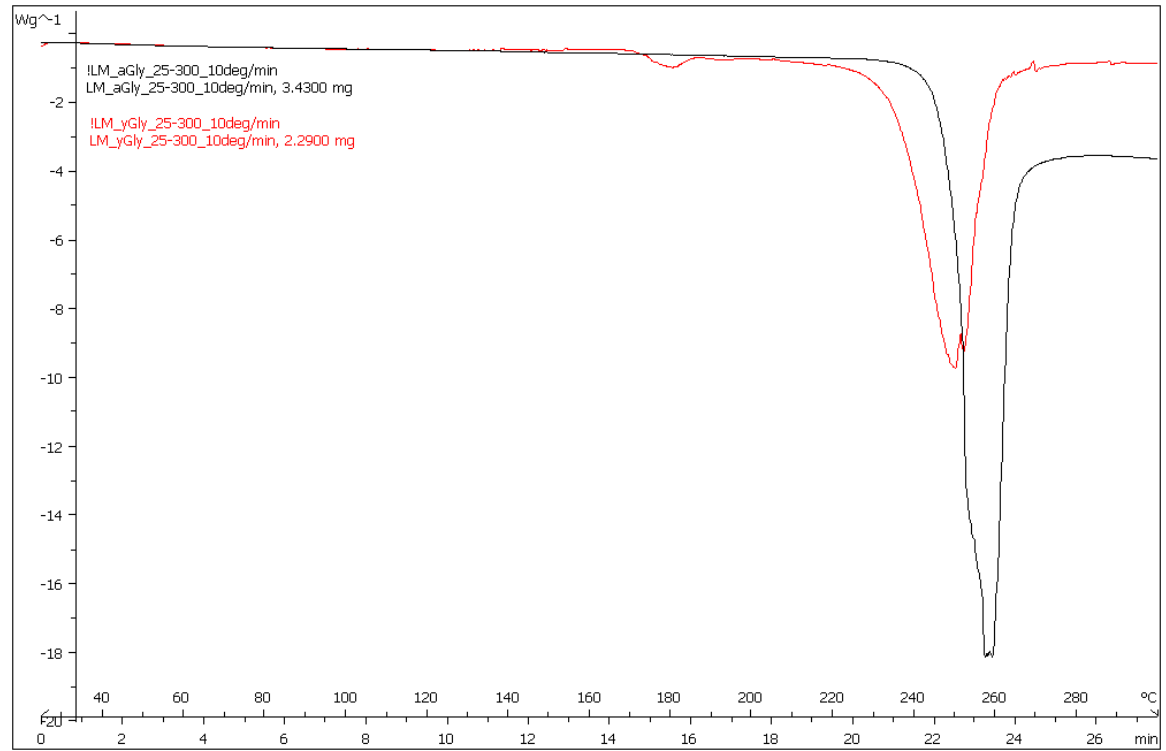
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