

## Thermal Analysis Request Form

Molecular Characterization & Analysis Complex (MCAC) at UMBC

<b>Name:</b>	<b>Date:</b>
<b>Email:</b>	<b>Department:</b>
<b>Institution:</b>	<b>PI/Lab:</b>

<b>Instrument</b>	TGA (Thermogravimetric Analysis)
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### Method

Start Temp ( $\geq 30^{\circ}\text{C}$ ): \_\_\_\_\_ End Temp ( $\leq 900^{\circ}\text{C}$ ): \_\_\_\_\_ Temp Ramp: \_\_\_\_\_ ( $^{\circ}\text{C}/\text{min}$ )

Additional Details (e.g., multiple ramps, hold steps): \_\_\_\_\_

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Sample(s)					
Name	Format (e.g., solid, liquid)	Storage (e.g., temperature, light sensitive?)	Concentration or Quantity (include units)	Safety Precautions	Other Details (e.g., purity)

*If you need more space, please use back of page or additional sheet(s)*

**Report** All reports include instrumentation, method, and a weight (%) vs temp ( $^{\circ}\text{C}$ ) curve for each sample. Describe any additional items to include in report (e.g., ASCII files, derivatives):

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**Additional Information:** \_\_\_\_\_

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Submit Samples to:  
MCAC at UMBC  
Meyerhoff Chemistry Building Rm 006  
Baltimore, Maryland 21250

Revised: 02/15/2021