



Analytical and Instrumentation Laboratory

Department of Chemistry E5-47
University of Alberta
Tel: (708) 492-3551
Fax: (780) 492-8231

Name _____ Lab _____

Sample # _____ Date _____

Research Director _____ Weight _____

Explosive []; Hygroscopic []; Volatile []; Sensitive to: _____

Combustion Analysis

CHNS [] Oxygen [] Chlorine [] Bromine [] Iodine []

Elements to Analyze _____ Other Elements Present _____

Theoretical Percentage:

Table with 6 columns: % C, % H, % N, % O, % S, % Cl, % Br, % F, % Other (Specify)

Thermal Analysis DSC [] or TGA []

Temp Range _____ °C Heating Rate _____ °C/min

Other Analyses

Karl Fischer [] Sample Weighing _____ Number _____

Comments/ Structure:

Note: Minimum sample size for CHNS-O is 5mg. This is the amount that can be easily removed from the vial, not how much is placed in the vial. Duplicate analyses are performed provided there is sufficient sample. Oxygen analysis is not routine, please inquire.

All samples are returned for disposal



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