UIC Optical Rotation Sample Submission Form

Name________________________________________  Date__________________

Advisor’s signature (UNH only)____________________________________________

Grant #/ Company/PO#__________________________________________

Phone #_________________________________  Email______________________

Address (if on campus, what building?) __________________________________

Sample name____________________________  Sample composition____________
Sample ID:____________________________________________
Structure:

Cell size? (check one): long cell (10cm & 25mls) ___________
short cell (1cm & 5mls) ___________

Concentration? (grams/mls) ___________________

Solve nt? ___________________________________________

Sample Handling: answer yes or no.

Is the sample stable?________________________________________
Is it air sensitive?________________________________________
Is it light sensitive?________________________________________
Is it moisture sensitive?____________________________________
Is it volatile?_____________________________________________
Is it carcinogenic?_________________________________________
Is it toxic?_______________________________________________
Anything else we should know?________________________________

BLANK (3 readings): 1.____________  2. ____________  3. ____________ Average:____________
SAMPLE (3 readings): 1.____________  2. ____________  3. ____________ Average:____________

Formula:

___ = # mrad s  Mrad=_____________________

Disclaimer:
Quoted charges are only approximations based on accepted sample preparation protocols and instrument procedures. Actual charges may vary when additional work is required (on samples) because further preparations are needed/required or because the results/data produced initially may not have been adequate/appropriate/conclusive, even though procedures were properly followed and the instruments were working correctly. Additional work may involve additional charges. If charges exceed the original estimate, work will not proceed unless approved in advance by telephone or e-mail.