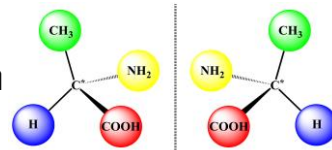




The
University
Of
Sheffield.

Polarimetry / CD Spectroscopy Service Sample Submission Form



User Information

Company Name:

Address:

.....

Contact:

Email:

Office Phone:

Purchase order No:

Date:

Properties & Hazards

Storage:

Bench Fridge Freezer

Other stability considerations if any:

.....

Hazards

COSHH No

Toxic Harmful Corrosive

Irritant Explosive Flammable

Other

.....

Sample Information

- Sample Reference No(s):
- Technique required Polarimetry CD Spectroscopy
- Approx. / exact * sample weight:(* delete as appropriate)

Polarimetry

- Required wavelength:
 - Sodium Yellow 589nm
 - Mercury Green 546nm
- Required concentration (if not known then 1g/100mL is recommended):

.....

• Solvent:

Please note that the experimental temperature will be around 296K

• Expected Optical Rotation if known:

.....

- Return un-used sample ? Yes No

CD Spectroscopy

- Required wavelength range:
 -
- Available concentration (for proteins 0.1 mg/mL is recommended):
 -
- Solvent:
- Temp range:
- Sample type (e.g., protein, lipid, small organics):

.....

Service use only :

Observed Rotation of Quartz Control Plate

Sample weight

Volume

Observed Rotation

Temperature

Total time