

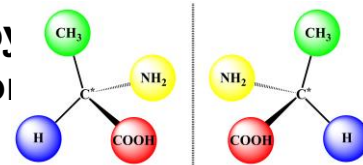


The
University
Of
Sheffield.

Polarimetry / CD Spectroscopy Service Sample Submission Form

Lab C43

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User Information

Name:

Department:

Group:

Lab:

Email:

Office Phone:

Charge Code:

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 23C.
- Expected Optical Rotation if known:

CD Spectroscopy

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

• Return un-used sample? Yes No

Service use only :

Observed Rotation of Quartz Control Plate

Sample weight

Volume

Observed Rotation

Temperature

Total time