

Bruker Avance III HD 400 MHz NMR Facility for Public Sector Institutions/Organizations

Sr. No.		Types of Analysis	Testing Rates in Rupees
1		Proton NMR Spectra	
	a.	In CDCl ₃	3,000.00
	b.	In any other deuterated solvent	6,000.00
2		Carbon 13 NMR Spectra	
		Broad Band Decoupled Spectra	
	a.	In CDCl ₃	6,000.00
	b.	In any other deuterated solvent	8,000.00
		DEPT 90 and 135 Spectra (Each will be charged as a separate experiment)	
	a.	In CDCl ₃	6,000.00
	b.	In any other deuterated solvent	8,000.00
3		Off Resonance Spectrum	
	a.	In CDCl ₃	7,000.00
	b.	In any other deuterated solvent	9,000.00
4		Inverse NMR measurements (HMBC, HMQC, HSQC etc.) (Each will be charged as a separate experiment)	
	a.	In CDCl ₃	7,000.00
	b.	In any other deuterated solvent	13,000.00
5		Homonuclear 2D COSY, NOESY, TOCSY, DOSY, ROESY (Each will be charged as a separate experiment)	
	a.	In CDCl ₃	3,000.00
	b.	In any other deuterated solvent	6,000.00
6		2D INADEQUATE	
	a.	In CDCl ₃	6,000.00
	b.	In any other deuterated solvent	11,000.00
7		1-D Selective COSY, NOESY, TOCSY (Each will be charged as a separate experiment)	
	a.	In CDCl ₃	3,000.00
	b.	In any other deuterated solvent	6,000.00

Note:

- The above rates are applicable for public sector institutions only.
- For good results, please provide 10-20 mg of the sample which should be free of dust or fibrous particles.
- Samples must be submitted (as ready) for direct analysis as a single pure ingredient with their solubility in any deuterated solvent. The solubility must be prechecked and the solvent in which the spectrum is to be recorded clearly specified.
- If a mixture of solvents is specified for analysis, then the expenses will be charged at the rate of the solvent which is higher in cost, e.g., expense of ¹H NMR analysis in CDCl₃ is Rs. 3,000/- while in CD₃OD is Rs. 6,000/-; in the mixture of CDCl₃-CD₃OD the rate will be Rs. 6,000/- irrespective of the quantity of each solvent used.
- Analysis will be initiated when the testing charges are received in the NMR account.
- The testing charges may be deposited through online transaction, cross cheque/demand draft in the name of COMSATS Abbottabad.

COMSATS University Islamabad, Abbottabad Campus, Pakistan

7. The spectra may be provided either in the printed form or in the form of FID. If someone gets spectra in the printed form, he/she will not be provided the FIDs and vice versa.

Package NMR / Simultaneous NMR Experiments Facility for Public Sector Institutions/Organizations

If an individual intends to carry out the following experiments simultaneously for the same sample, then a special discount will be given on these experiments. The original prices of each experiment in different solvents as well as discounts are mentioned as follows:

Sr. No.	Package NMR	Rates of Separate Experiments in Rupees	
		CDCl ₃	Any other solvent
-	Types of Analysis		
1	¹ H	3,000	6,000
2	¹³ C	6,000	8,000
3	DEPT 90	6,000	8,000
4	DEPT 135	6,000	8,000
5	HSQC	7,000	13,000
6	HMBC	7,000	13,000
7	¹ H- ¹ H COSY	3,000	6,000
8	ROESY	3,000	6,000
Total (Rs.)		41,000	68,000
Discount Offered on Total Charges		20%	47%
Final Charges after discount (Rs.)		33,000	36,000

Sr. No.	03 Simultaneous Experiments	Rates of Separate Experiments in Rupees	
		CDCl ₃	Any other solvent
	Types of Analysis		
1	¹ H	3,000	6,000
2	¹³ C (BB)	6,000	8,000
3	DEPT	6,000	8,000
Total Price (Rs.)		15,000	22,000
Final Charges after discount (Rs.)		12,000	14,000

Sr. No.	02 Simultaneous Experiments	Rates of Separate Experiments in Rupees	
		CDCl ₃	Any other solvent
	Types of Analysis		
1	¹ H	3,000	6,000
2	¹³ C (BB)	6,000	8,000
Total (Rs.)		9,000	14,000
Final Charges after discount (Rs.)		7,000	9,000

Note:

We have the following deuterated solvents in the category of in "ANY OTHER DEUTERATED SOLVENT": D₂O, CD₃OD, DMSO-d₆, Acetone-d₆, Benzene-d₆