

Bruker Avance III HD 400 MHz NMR Facility for Industrial Organizations

Sr. No.		Types of Analysis	Testing Rates in Rupees
1		Proton NMR Spectra	
	a.	In CDCl ₃	6,000.00
	b.	In any other deuterated solvent	12,000.00
2		Carbon 13 NMR Spectra	
		Broad Band Decoupled Spectra	
	a.	In CDCl ₃	12,000.00
	b.	In any other deuterated solvent	16,000.00
		DEPT 90 and 135 Spectra (Each will be charged as a separate experiment)	
	a.	In CDCl ₃	12,000.00
	b.	In any other deuterated solvent	16,000.00
3		Off Resonance Spectrum	
	a.	In CDCl ₃	14,000.00
	b.	In any other deuterated solvent	19,000.00
4		Inverse NMR measurements (HMBC, HMQC, HSQC etc.) (Each will be charged as a separate experiment)	
	a.	In CDCl ₃	14,000.00
	b.	In any other deuterated solvent	26,000.00
5		Homonuclear 2D COSY, NOESY, TOCSY, DOSY, ROESY (Each will be charged as a separate experiment)	
	a.	In CDCl ₃	6,000.00
	b.	In any other deuterated solvent	12,000.00
6		2D INADEQUATE	
	a.	In CDCl ₃	12,000.00
	b.	In any other deuterated solvent	22,000.00
7		1-D Selective COSY, NOESY, TOCSY (Each will be charged as a separate experiment)	
	a.	In CDCl ₃	6,000.00
	b.	In any other deuterated solvent	12,000.00

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. 6,000/- while in CD₃OD is Rs. 12,000/-; in the mixture of CDCl₃-CD₃OD the rate will be Rs. 12,000/- 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.
- 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.

COMSATS University Islamabad, Abbottabad Campus, Pakistan

Package NMR / Simultaneous NMR Experiments Facility for Industrial 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	6,000	12,000
2	¹³ C	12,000	16,000
3	DEPT 90	12,000	16,000
4	DEPT 135	12,000	16,000
5	HSQC	14,000	26,000
6	HMBC	14,000	26,000
7	¹ H- ¹ H COSY	6,000	12,000
8	ROESY	6,000	12,000
Total (Rs.)		82,000	136,000
Discount Offered on Total Charges		20%	47%
Final Charges after discount (Rs.)		66,000	72,000

Sr. No.	03 Simultaneous Experiments	Rates of Separate Experiments in Rupees	
		CDCl ₃	Any other solvent
	Types of Analysis		
1	¹ H	6,000	12,000
2	¹³ C (BB)	12,000	16,000
3	DEPT	12,000	16,000
Total Price (Rs.)		30,000	44,000
Final Charges after discount (Rs.)		24,000	28,000

Sr. No.	02 Simultaneous Experiments	Rates of Separate Experiments in Rupees	
		CDCl ₃	Any other solvent
	Types of Analysis		
1	¹ H	6,000	12,000
2	¹³ C (BB)	12,000	16,000
Total (Rs.)		18,000	28,000
Final Charges after discount (Rs.)		18,000	24,000

Note:

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