

1L-06 NMR LABORATORY

Department	Department of Chemistry	
Laboratory Responsible	Lecturer Doç. Dr. Derya DAVARCI	ddavarci@gtu.edu.tr
Research Team	Lecturer Doç. Dr. Derya DAVARCI	ddavarci@gtu.edu.tr
Contact Information	0262 605 31 27	Gebze Technical University, Department of Chemistry, Lab. 1L-06
General Information	Nuclear Magnetic Resonance Spectroscopy Instrument which has ^{13}C , ^{31}P , ^1H , ^{19}F probe and 500 MHz (11.2 T) magnetic field	
Applications	<ul style="list-style-type: none">• It is used to determined structures of inorganic or organic compounds soluble in water and organic solvents.• ^{13}C, ^{31}P, ^1H, ^{19}F analyzes are performed.• 2D NMR techniques can be done.	
Laboratory Photo		
Equipment	<ul style="list-style-type: none">• Varian Inova 500MHz• Magnetik Mixer	