


1L-05 X-RAYS LABORATORY

Department	Department of Chemistry	
Laboratory Responsible	Prof. Dr. Yunus ZORLU	yzorlu@gtu.edu.tr
Research Team	Dr. Ceylan MUTLU BALCI	ceylanmutlu@gtu.edu.tr
	Technician Sadık Metin CEYHAN	smceyhan@gtu.edu.tr
Contact Information	0262 605 3111/3094	Gebze Technical University, Department of Chemistry, 1L-05, 41400 Gebze-Kocaeli
General Information	Single crystal X-ray diffraction is a scientific method that enables the atomic-sized image of a crystalline solid content in three-dimensional space.	
Applications⁴	<ul style="list-style-type: none">○ Determination of the atomic structure of compounds by X-Ray diffraction method	
Laboratory Photo		
Equipment	<ul style="list-style-type: none">○ Bruker APEX II Quazar Diffractometer○ Oxford 700 Low Temperature Controller○ Zeiss CL-150 Microscope	
Projects	<ul style="list-style-type: none">○ Single crystal X-ray Laboratory supports all projects carried out in the department (TÜBİTAK research projects, DPT, GTU-BAP).	