

Instrument/Apparatus	Manufacturer and Model	Year Acquired
<i>NMR Spectrometers</i>		
90 MHz NMR	Anasazi Eft-90	2009
400 MHz NMR	JEOL ECS-400	2009
<i>UV-Vis Spectrometers</i>		
Single-Beam	Cary 50 Bio	2002
Double-Beam	Perkin Elmer Lambda 35	2014
<i>Gas Chromatographs</i>		
GC-TCD	Agilent 6850	2010
GC-Dual FID/ECD	Agilent 7890A	2010
<i>Liquid Chromatographs</i>		
LC-Dual UV-Vis/Fluorescence Detector	Agilent 1200 Infinity	2010
LC-UV/Vis Diode Array Detector	Agilent 1290 Infinity	2010
<i>IR Spectrometers</i>		
FTIR	Perkin Elmer Spectrum BX	2001
ATR-FTIR	Thermo Nicolet IR200	2009
<i>Mass Spectrometers</i>		
	Agilent 6460 Triple Quadrupole	2010
<i>Radiochemistry</i>		
Geiger Counter	Oxford Instruments with Model 525 Scalar-Ratemeter	1995
<i>Atomic Absorption/Emission</i>		
Atomic Absorption	Perkin Elmer AAnalyst 800	2006
Atomic Emission	Perkin Elmer Optima 2100 DV	2006
<i>Thermal Analysis</i>		
Differential Scanning Calorimeter	TA Instruments Q200 with RCS 90 Cooling System	2010
Isothermal Titration Calorimeter	TA Instruments NanoITC	2010
Thermogravimetric Analyzer	TA Instruments Q500	2010
Dynamic Mechanical Analyzer	TA Instruments Q800	2014
Bomb Calorimeter	Parr 1266	1999
<i>Electrophoresis</i>		
Gel Electrophoresis (2)	Bio-Rad Mini-Protean Cells with Bio-Rad PowerPac 300 Power Supplies	2001
Custom Microchip Electrophoresis	Fluorescence Microscope (below), HVPS (EMCO Octo-Channel), Diode Laser (Chromalase 488 nm)	2007
<i>Electrochemical Instrumentation</i>		
General	eDAQ e-Corder 410 with Potentiostat	2008
General	Pine Wavedriver 20 Bipotentiostat	2014
General	Metrohm Autolab PGSTAT302N with FRA32M (EIS)	2015
Rotating Electrode	Pine Modulated Speed Rotator	2015
e-Quartz Crystal Microbalance	Stanford Research Systems QCM 25/200	2015
8-Channel Potentiometry	eDAQ e-Corder 410 with 8-channel QuadAmp 168	2008
16-Channel Potentiometry	Lawson Labs EMF16	2010
<i>GC-Mass Spectrometer</i>	Agilent 7890A GC with 5975 MSD	2010
<i>Schlenklines and Dry Box Apparatus</i>		
Dry Box	MBraun Unilab 1200 with Circulation Purifier	2010
Dry Box	Labconco 5220100	2009
Schlenkline	Quark Glass	2009
<i>Imaging Microscopy</i>		
Polarized Light Microscope	MicroscopeNet NPL-400T	2010
Inverted Fluorescence Microscope	Carl Zeiss Axiovert 40 CFL	2007
Scanning Electron Microscope	JEOL JSM-6610LV	2010
Additional Instrumentation		
Computational Facilities	3-Node (24-CPU) Computational Cluster with Gaussian 09 and MolPro 09 Software	2008
Spectrofluorometer	Perkin Elmer LS55	2001
X-Ray Fluorescence	Bruker Ranger S2	2006
Polarimeter	Rudolph Research Analytical Autopol III	2009
Ion Chromatography	Dionex ICS-1100	2010
Automated Preparative Chromatography	Biotage Isolera One	2010
Microwave Digestor	CEM MARS	2004
Microwave Reactor	Biotage Initiator	2009
Nitrogen Generator	Parker NitroFlowLab	2010
Viscometers	Brookfield DV2T and DV-II+	2013
Karl Fischer Titrator	Metrohm 795 KFT Titrino	2009
Controlled Temp/Humidity Chamber	ESPEC BTU-433	2016
Density Meter	Anton Paar 4100M	2013