

Chair of Inorganic Chemistry I – Equipment Spectroscopy Professor Dr. Josef Breu

Equipment	Type	Characteristics	Advisor
Thermobalance coupled with MS and FTIR	Netzsch STA 449	temperature range: up to 1500°C	Schwarzmann Otto (LS Werkstoffverarbeitung)
Microwave digestion system	MLS 1200 MEGA		Lutschinger
AAS	Varian AA100	diverse hollow cathode lamps automated dilution system (SIPS)	Lutschinger
FT-IR	Bruker IFS66v	measurement range: 4000 - 400 cm ⁻¹	Puchtler
UV/Vis spectrometer	Varian Cary 3	UV, Vis	Ertl
UV/Vis spectrometer	Varian Cary 5	UV, Vis	Puchtler
UV/Vis spectrometer	Cary 300 Scan	UV, Vis	Ertl