

High Precision Instruments available at UBKV

Central Instrumentation Centre

Serial	Name of Instrument	Make	Status
1.	Atomic Absorption Spectrometer. Model-Analyst 200	Perkin Elmer	Working
2.	High Performance Liquid Chromatography with UV/Vis & RI Detector	Waters	Working
3.	UV/Vis Spectrometer. Model-Lambda 25	Perkin Elmer	Working
4.	CHNOS Analyzer	GmbH	Working
5.	Table top Refrigerated Centrifuge. Model-3K30	Sigma	Working
6.	Micro Modulo Lyophilizer	Thermo	
7.	Refrigerated Incubator Shaker. Model-C24KC	New Brunswick Scientific.	Working
8.	Texture Analyser	Stable Micro System	Working
9.	Colour Quest XE. Model-CQXE/SAV-2	Hunter Lab	
10.	Bioflo 110 Fermentor	New Brunswick Scientific.	Working
11.	Gel Doc System	Bio Rad	Working
12.	Particle Delivery System Model-PDS 1000/He		Working
13.	PCR	BioRad	Working
14.	Elisa Reader	BioRad	Working
15.	Rocker	BioRad	Working
16.	Electrophoresis Unit	BioRad	Working
17.	Electroporator 2510	eppendorff	Working
18.	Biophotometer Plus	Eppendorff	Working
19.	Water Activity Meter	Decagon Device	Working
20.	Ultra Centrifuge	Thermo Electron	Working
21.	Nitrogen Analyser	FOSS	Working
22.	Digestion Unit	FOSS	Working
23.	Ultra low Temperature Freeze (-86°C)	New Brunswick Scientific.	Working
24.	Water Purification System (Elix-3 and Milli-Q)	Millipore	Working
25.	Microtome	Leica	Working
26.	Rheo Meter	Anton Paar	Working
27.	Synchroelectric Viscometer	Brookefield	Working
28.	Halogen Moisture Meter	Mettler Toledo	Working
29.	Refractometer	Mettler Toledo	Working
30.	Autotitrator	Mettler Toledo	Working
31.	Platinum Crucible with Lid		
32.	Ultrasonic Homogenizer	Braun Bio Tech	Working
33.	Dissolve O ₂ Meter	Mettler Toledo	Working
34.	Thermal Property Analyzer. Model-KD2Pro	Decagon Devices	Working
35.	Fruit Pressure Tester	Allcat Instruments	Working
36.	Infra Red Gas Analyzer	CID	Working

Quality Control Laboratory

Serial	Name of Instrument	Make	Status
37.	High Performance Liquid Chromatography with Photo Diode Array and Fluorescence Detector.	Waters	
38.	Gas Liquid Chromatography with Electron Capture Detector, Flame Ionisation Detector and Autosampler	Varian	
39.	Gas Liquid Chromatography with Mass Selective Detector and Autosampler.	Varian	Working
40.	Super Critical Fluid Extraction Chromatography	Jassco	Working
41.	Rotary Vacuum Evaporator with Chiller, Vacuum Pump & Thermostatic Water Bath	Buchi	Working
42.	Ultra Pure Water Elix-3 & Milli-Q	Millipore	Working
43.	Furrier Transform Infra Red	Bruker Optics	
44.	Ultra Performance Liquid Chromatography	Waters	Working
45.	Solid Phase Extraction Chromatography 2Nos	Anatek	Working
46.	Microwave Synthesis Chamber. Model-MAS II	Sineo	Working
47.	CI 340 Hand Held Portable Photosynthesis System	Spectra Agriteck	Working
48.	Digital Polarimeter AP-IV	Rudolph	Working
49.	Muffle Furnace	Amalgamated	Working
50.	Thermostatic Hot Water Bath 2Nos	Amalgamated	Working
51.	CI-203 Laser Leaf area Meter	Spectra	Working
52.	CI-203CA Conveyor Attachment	Spectra	Working
53.	Hand Held Soil Respiration Chamber	Spectra	Working
54.	Halogen Moisture Meter	Mettler Toledo	Working