

Pilot Processing Bioprocessing			
Description	# of items	Vendor	Model
Ribbon Blender	1	Clemmer Steel	Bowers 1 1/2HP/ 5 cu ft. Ribbon Blender
Freeze Drier (Pilot Scale)	1	Perry Tech	Armfield FT33A Vacuum Freeze Drier
X-ray Metal Detector	1		
Temperature Monitoring Systems	3		
Freeze Drier (Pilot Scale)	1	Perry Tech	Armfield FT33A Vacuum Freeze Drier
Filter Press	1	Perry Tech	Armfield FT14 Plate & Frame
Powder Blender	1	LB Bohle	LM-40 Laboratory Blender
Filler/Feeder System	2	All Fill Crandall International	All- Fill B-600 Automatic Filling Machine CIPP A Pneumatic Piston Filler
COP Wash System	3	LB Bohle	PUR-300 Mobile Bin Washer
Processing Tanks	3	LB Bohle	
Incubators	3	Fisher	30M Precision Large Capacity Incubators
Peristaltic Pumps	4	Preston Barnant	BR72 Peristaltic Pump
Bottle Cleaner	1	Mandel	Lancer Bottle Cleaner
Size Reduction Equipment	5	Chisholm Laval Lab Retsch Satake Canada Inc Retsch	Urschel Comitrol Processor Model 1700 Fritsch Pulverisette Mono Mill ZM200 Ultra Centrifugal Mill Satake Debranning Machine RMB10G-T Rotor Beater Mill SR300 SS
Oven Drier	1	BOC Edwards	438D-9 Stokes Vacuum Shelf Dryer
Air Classifier	1	Prater Industries Inc	Mac-0 Air Classifier
Cold Press Extractor	1	Perry Tech	Armfield FT28 Oil Extraction Screw Press
Centrifuge (Pilot Plant)	1	Alfa Laval	Alfa Laval LAPX404
Oil Processing Equipment	4	Perry Tech	FT29F Armfield Solvent Extraction Unit FT66-F Armfield Neutraliser /Washer Unit FT67-F Armfield Hydrogenation Unit FT68-F Deodorising Unit
Fractionation Column	1	Peaguss	Pilot Scale Distillation Unit- DUS 200 Lab Scale Distillation Unit- DUE 20
Supercritical Extractor	1	Rose	SFE 2000 Thar Supercritical Fluid Extractor
Membrane Filtration System	1	Millipore	Membrane Filtration System
Multi-purpose Processing Vessels	2	Perry Tech	FT40G Multi-purpose Processing Vessels
Molecular Still/Evaporator	1	Pope Scientific	Pope 6" wiped-film molecular still
Fermentation Equipment	4	Rose	