

Criterion - 7

Institutional Values and Best Practices

NAAC- SSR (2nd Cycle)



ETERNAL UNIVERSITY

BARU SAHIB, SIRMOUR-173101
HIMACHAL PRADESH

7.3.1(4)

**MoFPI (5.97 crore) granted
Akal food safety and quality**



ETERNAL UNIVERSITY

BARU SAHIB, SIRMOUR-173101
HIMACHAL PRADESH

File No: F-11011/1/2019-FOOD TESTING LAB (318920)

Government of India
Ministry of Food Processing Industries
Panchsheel Bhawan, August Kranti Marg
New Delhi – 110 049

Dated: .09.019

To,

Dr. Krishan Kumar,

Akal Food Safety and Quality Control Laboratory Society
at Kalgidhar Trust, Baru Sahib, Sirmour, HP-173101.

Sub: Proposal of M/s. Akal Food Safety and Quality Control Laboratory Society for Setting up of Food Testing Laboratory at Kalgidhar Trust, Baru Sahib, Sirmour, HP-173101- reg.

Sir,

1. I am directed to convey the in-principle approval of PAC dated 23.08.2019 for a grant-in-aid of **Rs 338.95 lakh (Rupees Three crore Thirty Eight Lakh and Ninety Five Thousand only)** towards Setting Up of food testing lab at Kalgidhar Trust, Baru Sahib, Sirmour, HP-173101 subject to availability of funds and standard conditions and guidelines and following conditions:

(a) The grant would be released as per revised guidelines w.e.f. 27.05.2019. Before release of 3rd instalment of grants-in-aid, the eligible amount of grants-in-aid will be re-calculated based on proposed or actual expenditure, whichever is less, of eligible items approved by PAC

(b) The first installment of 40% of the total grant would be released after 40% of the promoter's contribution and 40% of the term loan (if any) has been spent on the project and submission of the following documents / information to this Ministry (if not submitted earlier):

- (i) CA certificate indicating that at least 40% of the promoters' contribution and 40% of the term loan (if any) has been spent on the project.
- (ii) A surety bond (as per Annexure – IV of the guidelines) duly executed on non-judicial stamp paper of Rs. 100/- or more duly notarized.
- (iii) Detailed list of PAC approved equipment procured, installed indicating the PAC approved cost, actual cost, invoice number etc duly certified by chartered Engineer, (Mech) (along with copies of invoices, receipts, delivery challans etc).
- (iv) Detailed list of PAC approved Technical Civil Work & Furniture & Fixtures (as applicable) indicating the PAC approved cost, actual cost, invoice number etc duly certified by chartered Engineer, (Civil) (along with copies of invoices, receipts, etc).
- (v) Copy of Bank statement giving details of payment made to the suppliers.
- (vi) Confirmation that the facility thus created will be common and may be availed of by the food processing units in and around the area by creating awareness of such facilities among the units.
- (vii) Confirmation that the gap in the means of finance between grant amount sought and approved by MoFPI shall be borne by the organization.
- (viii) Confirmation that the Organization has adequate fund to meet the recurring cost on consumables, AMC etc.
- (ix) Confirmation that the organization has adequate technical personnel for running the food testing lab.
- (x) Confirmation that the Organization would implement the schedule of the proposed laboratory within a period of 18 months from the date of issue of approval letter

- (xi) Confirmation that the Organization has acquired the land / already have the land and constructed / have adequate building for housing the lab.
- (xii) Confirmation to MFPI of obtaining NABL accreditation. If yes, give details. If not, time frame by which NABL accreditation will be obtained.
- (xiii) Submission of utilization certificate for grant-in-aid, if any, availed in the past from this Ministry.
- (xiv) Details of the bank, account no., IFSC code etc. in the enclosed format for transferring the funds through RTGS.
- (xv) Copy of PFMS registration along with e-mandate form (certified by bank) and cancelled cheque.

The organization shall submit the documents along with the request for 1st Installment within 8 months from the date of issue of the approval letter

c. The second installment of 40% of the total grant would be released after ensuring utilization of 100% of 1st instalment and that 80% of the promoter's contribution and 80% of the term loan (if any) has been spent on the project and on receipt of:

- (i) CA Certificate / Statement of expenditure as per Annexure VII of the guidelines (along with copies of invoices, receipts, delivery challans etc.) indicating the complete utilization of the first installment provided by MFPI and 80% of the promoter's contribution and 80% of the term loan (if any) as well as the other expenditure incurred towards setting up / up-gradation of a laboratory for food quality analysis, duly certified by CA.
- (ii) Utilization of first installment of grant through EAT module of the PFMS and submission of Utilization Certificate (as per Rule 12 A of GFR 2017) generated through EAT module of the PFMS.

The promoter shall submit the documents along with the request for 2nd Installment within 14 months from the date of issue of the approval letter

d. The third installment of remaining 20% of the total grant would be released only on receipt of:

- (i) CA Certificate / Statement of expenditure as per Annexure VII of the guidelines (along with copies of invoices, receipts, delivery challans etc) indicating the complete utilization of the Second installment provided by MFPI and 100% of the promoter's contribution and 100% of the term loan (if any) as well as the other expenditure incurred towards setting up / up-gradation of a laboratory for food quality analysis, duly certified by CA.
- (ii) A self-certificate indicating that the project has achieved completion (date of completion) and commercial operation has started (date of commercial operation).
- (iii) Status of NABL accreditation.
- (iv) Utilization of second installment of grant through EAT module of the PFMS and submission of Utilization Certificate (as per Rule 12 A of GFR 2017) generated through EAT module of the PFMS.

2. As per the procedure laid down by Govt. of India, the grant will be released through "Public Financial Management System" of Controller General of Accounts (CGA). You are requested to register your organization with PFMS to enable the Ministry to release the grant. You can directly fill-up the details as per the following procedure for registration:

Open Public Financial Management System (PFMS) on <http://pfms.nic.in>

↳ Register Agency

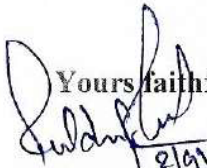
↳ Fill-up the Agency Details & Bank Details

↳ Select "Pradhan Mantri Kisan Sampada Yojana-Food Safety & Quality Assurance Infrastructure (3611)".

After filling up the details, a copy of the Printout of Agency Registration may be sent to the Ministry for release of the grant. In case of any difficulty in registration, you may contact the undersigned.

3. Further, after registering on PFMS the lab has to open its account in EAT Module of PFMS before release of GIA/first instalment of GIA. The expenditure under Grant-in-Aid being released is to be recorded through EAT module of PFMS. Utilization of Grants-in-Aid will be monitored through EAT module of PFMS by the Ministry. The expenditure not found appearing in EAT module of PFMS will not be taken as eligible expenditure." In case if training is required, the promoter is requested to consult nearest PFMS office.

4. It is requested that necessary confirmation / documents/ clarification on points mentioned on S. No. 1 (b) and 2 above may please be furnished urgently so as to enable this Ministry to process the proposal for release of 1st installment of grant without delay.


Yours faithfully

(Kuldeep Kumar Singh)

Deputy Secretary to the Government of India

Ph.: 011-26406510,

Email: ftls-mofpi@gov.in

Encl.: The details of PAC approval are at Annexure

1. List of Approved equipment.
2. List of Approved Furniture & Fixtures
3. PAC approved, Project cost, Means of Finance, Eligible cost and approved Grant in Aid
4. Grant Calculation based on PAC Approval.

M/s. Akal Food Safety and Quality Control Laboratory Society for Setting up of Food Testing Laboratory at Kalgidhar Trust, Baru Sahib, Sirmour, HP-173101.

1. List of lab Equipment approved by PAC:

S. No.	Name of the Equipment	Approved cost (Rs. in Lakh)
1.	LC-MS	142.15500
2.	ICP-OES	60.19650
3.	HPLC + PDA+RID+RF	41.76900
4.	Tr Q GCMS with accessories	87.75000
5.	FTIR Spectrometer	12.60090
6.	Differential Scanning Calorimetry	39.57725
7.	Amino Acid Analyser - desktop model	73.82998
8.	Digital Refractometer with Peltier Temperature control	5.51070
9.	Vis- Spectrophotometer	5.90000
10.	Konika Minolta Chroma Meter	7.55000
Total		476.83933

2. List of Furniture & Fixtures approved by PAC :

S. No.	Furniture & fixtures/any other items	Qty.	Rs. in Lakh
			Cost
1.	Glass partition, wooden doors- windows, wash basins in each compartment	-	5.50
2.	Wooden partition, false ceiling	-	2.68
3.	Side racks (0.60 * 2.44)	7	0.42
4.	Almirah	7	0.70
5.	Standard Book Shelf	7	0.35
6.	Any other items (Refrigerator, Deep freezer, Air-conditioners, Vacuum pumps)	-	6.00
Total			15.65

Note: Expenditure towards component other than above are required to be borne by the applicant organization.

3. PAC approved, Project cost, Means of Finance, Eligible cost and Grant in Aid:

In the present case, the organization is a Private organisation located in difficult area and the eligible grant-in-aid worked out as per the scheme guidelines is as under:

Particular	% Eligible grant	Eligible cost for calculation of grant	MFPI grant	Promoters equity	(Rs. In Lakh)
					Total Project Cost
Lab equipment	70	476.84	333.79	143.05	476.84
Furniture & Fixtures/Any other items	33	15.65	5.16	30.84	36.00
Recurring Expenditure	0	0	0	84.83	84.83
Means of Finance			338.95	258.72	597.67

4. Instalments to be released:

Instalment	1 st (40 %)	2 nd (40 %)	3 rd (20 %)	Total
Amount (Rs. in Lakh)	135.57	135.57	67.81	338.95

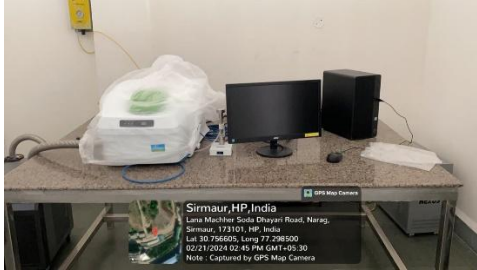
AKAL FOOD SAFETY AND QUALITY CONTROL LABORATORY



Gas Chromatography Mass Spectrophotometer (GCMS/MS)



High Pressure Liquid Chromatography (HPLC)



Differential Scanning Calorimeters (DSC)



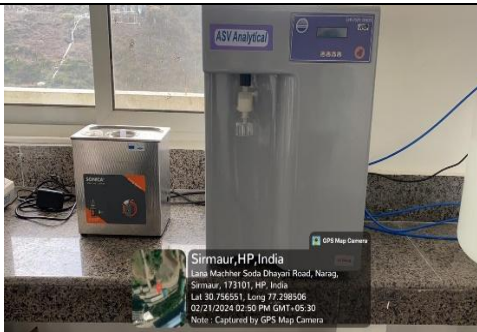
UHPLC Amino acid analyzer



Liquid chromatography-mass spectrometry



Spectrophotometer



Water distillation unit



Centrifuge

59.



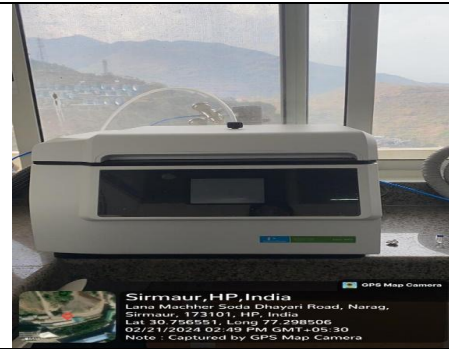
Ultrasonic cleaner



Ultra sonicator



Micro-digester

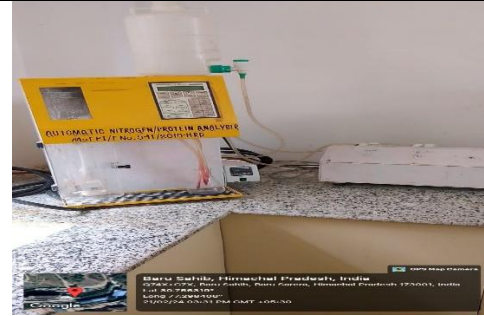


Micro-digester

ANALYTICAL LABORATORY



Protein Digester



Protein Analyzer (Distillation Assembly)



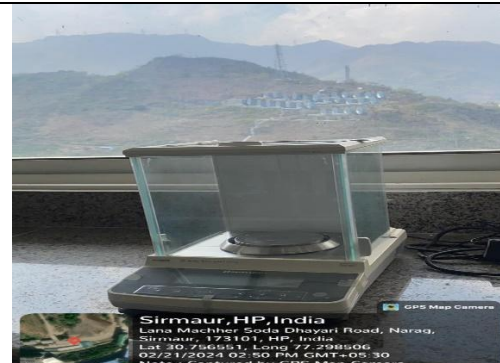
SOXHLET PLUS



Crude Fiber Analyzer



Centrifuge



Weighing Balance



Freeze Dryer



Cooling Centrifuge



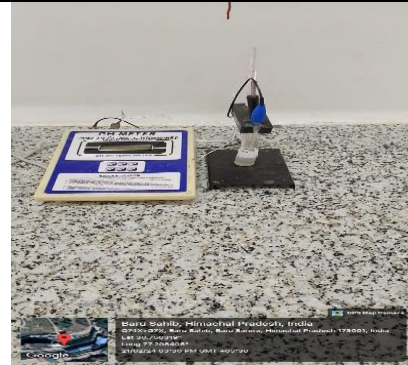
Hot Plate



Rotary Evaporator



Muffle Furnace





pH meter



Ultrasonic cleaner



Ultra sonicator

 <p>Vacuum packaging machine MoFPI/F.No. 0-11/2010/HP</p> <p>Bani Sahib, Himachal Pradesh, India GPA33097 N, Bani Sahib, Bani Sahib, Himachal Pradesh 173001, India Lat 30.756551 Long 77.208506 3/10/2024 02:50 PM GMT +05:30</p>	 <p>Bani Sahib, Himachal Pradesh, India GPA33097 N, Bani Sahib, Bani Sahib, Himachal Pradesh 173001, India Lat 30.756551 Long 77.208506 3/10/2024 02:50 PM GMT +05:30</p>
<p>Vacuum packaging machine</p>	<p>Vortex</p>
 <p>SPECTROPHOTOMETER MoFPI/F.No.0-11/2010-HRD</p> <p>Bani Sahib, Himachal Pradesh, India GPA33097 N, Bani Sahib, Bani Sahib, Himachal Pradesh 173001, India Lat 30.756551 Long 77.208506 3/10/2024 02:50 PM GMT +05:30</p>	 <p>VACUUM OVEN VACUUM OVEN WITH VACUUM PUMP MoFPI/F.No.0-11/2010 HRD</p> <p>Bani Sahib, Himachal Pradesh, India GPA33097 N, Bani Sahib, Bani Sahib, Himachal Pradesh 173001, India Lat 30.756551 Long 77.208506 3/10/2024 02:50 PM GMT +05:30</p>
<p>Spectrophotometer</p>	<p>Vacuum oven with vacuum pump</p>
 <p>Sirmaur, HP, India Luna Machine Sodia Dheyari Road, Naraq, Sirmaur, 173101, HP, India Lat 30.756551, Long 77.208506 02/21/2024 02:50 PM GMT +05:30 Note : Captured by GPS Map Camera</p>	 <p>Bani Sahib, Himachal Pradesh, India GPA33097 N, Bani Sahib, Bani Sahib, Himachal Pradesh 173001, India Lat 30.756551 Long 77.208506 3/10/2024 02:50 PM GMT +05:30</p>
<p>Ultrasonic cleaner</p>	<p>Ultra sonicator</p>
 <p>Vacuum packaging machine MoFPI/F.No. 0-11/2010/HP</p> <p>Bani Sahib, Himachal Pradesh, India GPA33097 N, Bani Sahib, Bani Sahib, Himachal Pradesh 173001, India Lat 30.756551 Long 77.208506 3/10/2024 02:50 PM GMT +05:30</p>	 <p>Bani Sahib, Himachal Pradesh, India GPA33097 N, Bani Sahib, Bani Sahib, Himachal Pradesh 173001, India Lat 30.756551 Long 77.208506 3/10/2024 02:50 PM GMT +05:30</p>
<p>Vacuum packaging machine</p>	<p>Vortex</p>

Food Microbiology Unit

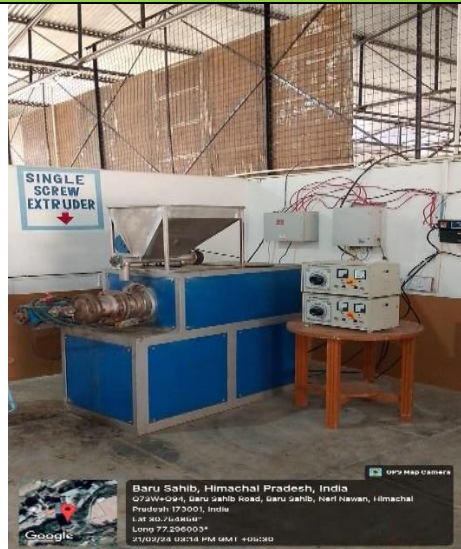


Laminar Air Flow



BOD

EXTRUSION UNIT



Extruder



Batch Roaster



Coating Pan



Packaging Machine

BAKERY UNIT



Baru Sahib, Himachal Pradesh, India
Q73W+Q94, Baru Sahib Road, Baru Sahib, Nari Nawan, Himachal Pradesh 173001, India
Lat 30.754856°
Long 77.296003°
21/02/24 03:10 PM GMT +05:30

Flour Mill



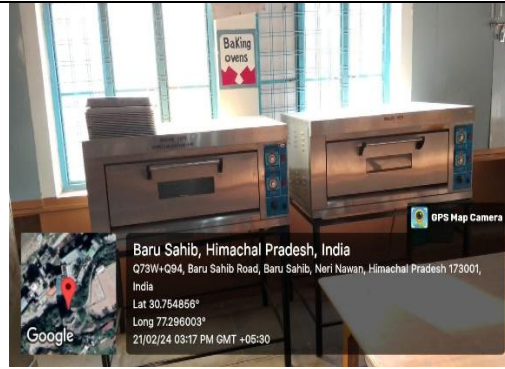
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Q73W+Q94, Baru Sahib Road, Baru Sahib, Nari Nawan, Himachal Pradesh 173001, India
Lat 30.754856°
Long 77.296003°
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Dough Mixer



Baru Sahib, Himachal Pradesh, India
Q73W+Q94, Baru Sahib Road, Baru Sahib, Nari Nawan, Himachal Pradesh 173001, India
Lat 30.754856°
Long 77.296003°
21/02/24 03:10 PM GMT +05:30

Proofing Chamber



Baru Sahib, Himachal Pradesh, India
Q73W+Q94, Baru Sahib Road, Baru Sahib, Nari Nawan, Himachal Pradesh 173001, India
Lat 30.754856°
Long 77.296003°
21/02/24 03:17 PM GMT +05:30

Baking Oven



Baru Sahib, Himachal Pradesh, India
Q73W+Q94, Baru Sahib Road, Baru Sahib, Nari Nawan, Himachal Pradesh 173001, India
Lat 30.754856°
Long 77.296003°
21/02/24 03:15 PM GMT +05:30

Noodle pasta making machine



Baru Sahib, Himachal Pradesh, India
Q73W+Q94, Baru Sahib Road, Baru Sahib, Nari Nawan, Himachal Pradesh 173001, India
Lat 30.754856°
Long 77.296003°
21/02/24 03:28 PM GMT +05:30

Hot Air Oven

FRUIT AND VEGETABLE PROCESSING UNIT



Baru Sahib, Himachal Pradesh, India
Q73W+Q94, Baru Sahib Road, Baru Sahib, Nari Nawan, Himachal Pradesh 173001, India
Lat 30.754856°
Long 77.296003°
21/02/24 03:15 PM GMT +05:30

Fruit Crusher



Baru Sahib, Himachal Pradesh, India
Q73W+Q94, Baru Sahib Road, Baru Sahib, Nari Nawan, Himachal Pradesh 173001, India
Lat 30.754856°
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Fruit Juice Extractor



Fruit Pulper



Homogenizer



Hydraulic Press



Microwave oven



Potato Peeler



Potato Slicer

STEAM PROCESSING UNIT



Boiler



Retort pouch machine



Steam Jacketed Kettle



Shrink packaging machine

EXTRUSION UNIT



Extruder



Batch Roaster



Coating Pan



Packaging Machine

BAKERY UNIT



Baru Sahib, Himachal Pradesh, India
 Q73W+Q94, Baru Sahib Road, Baru Sahib, Neri Nawan, Himachal Pradesh 173001, India
 Lat 30.754856°
 Long 77.296003°
 21/02/24 03:10 PM GMT +05:30

Flour Mill



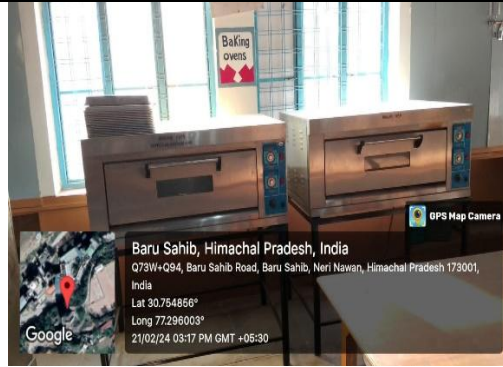
Baru Sahib, Himachal Pradesh, India
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Dough Mixer



Baru Sahib, Himachal Pradesh, India
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Proofing Chamber



Baru Sahib, Himachal Pradesh, India
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Baking Oven



Baru Sahib, Himachal Pradesh, India
 Q73W+Q94, Baru Sahib Road, Baru Sahib, Neri Nawan, Himachal Pradesh 173001, India
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 Long 77.296003°
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Noodle pasta making machine



Baru Sahib, Himachal Pradesh, India
 Q73W+Q94, Baru Sahib Road, Baru Sahib, Neri Nawan, Himachal Pradesh 173001, India
 Lat 30.754856°
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Hot Air Oven

FRUIT AND VEGETABLE PROCESSING UNIT



Fruit Crusher



Fruit Juice Extractor



Fruit Pulper



Homogenizer



Hydraulic Press



Microwave oven



Potato Peeler



Potato Slicer

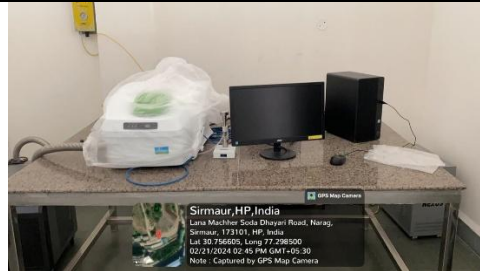
AKAL FOOD SAFETY AND QUALITY CONTROL LABORATORY



Gas Chromatography Mass Spectrophotometer (GCMS/MS)



High Pressure Liquid Chromatography (HPLC)



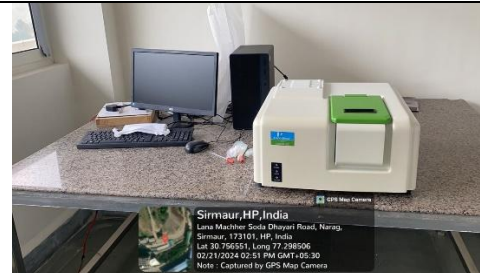
Differential Scanning Calorimeters (DSC)



UHPLC Amino acid analyzer



Liquid chromatography-mass spectrometry



Spectrophotometer



Water distillation unit



Centrifuge



Ultrasonic cleaner

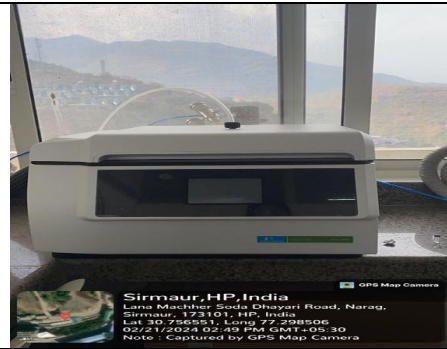


Ultra sonicator



Sirmaur, HP, India
Lana Machher Soda Dhayari Road, Narag,
Sirmaur, 173101, HP, India
Lat 30.756551, Long 77.298506
02/21/2024 02:49 PM GMT+05:30
Note - Captured by GPS Map Camera

Micro-digester



Sirmaur, HP, India
Lana Machher Soda Dhayari Road, Narag,
Sirmaur, 173101, HP, India
Lat 30.756551, Long 77.298506
02/21/2024 02:49 PM GMT+05:30
Note - Captured by GPS Map Camera

Micro-digester

STEAM PROCESSING UNIT



Boiler



Retort pouch machine



Steam Jacketed Kettle



Shrink packaging machine