

EXPORT INSPECTION COUNCIL OF INDIA

Ministry of Commerce & Industry
Govt. of India

Certificate of Approval

GEO-CHEM LABORATORIES (P) LIMITED

Pragati, Adjacent to Crompton Greaves, Kanjur Marg (E), Mumbai – 400 042

*has been assessed and approved in accordance with requirements of
EIC's Laboratory Approval Scheme*

*for Biological and Chemical Testing
within the scope of approval specified in the Annexure-A, B & C*

Valid up to and including 30.11.2012

- This certificate remains valid for the Scope of Approval as specified in the Annexures to this certificate, subject to the compliance to the terms and conditions laid down in EIC's Laboratory Approval Scheme – 2010.
- The laboratory shall continue to meet the requirements of EIC's Laboratory Approval Scheme and instructions issued by Export Inspection Council (EIC) from time to time.
- If the performance of the approved laboratory is found not satisfactory, EIC reserves the right to withdraw the approval granted to the laboratory.
- The approved laboratory shall apply well in advance for re-assessment and continuity of its approval as per EIC's Laboratory Approval Scheme.

Place : New Delhi

Date : 30.11.2010



Signature

Name : Dr. S.K.Saxena
Designation : Director(I&Q/C)

3rd Floor, NDYMCA Cultural Center Building, 1 Jai Singh Road, New Delhi-110001.

Tel. +91-11-23365540, 23748189; Fax: +91-11-23748024

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E-mail : eic@eicindia.org
Web : www.eicindia.org
ग्राम : निर्यातगुण
Grams : SHIPMENTQUALITY
दूरभाष :
Phones : 23365540, 23748188, 23748189



भारतीय निर्यात निरीक्षण परिषद्

(आई एस ओ 9001:2000 प्रमाणित संस्थान)

(वाणिज्य एवं उद्योग मंत्रालय, भारत सरकार)

तीसरी मंजिल, एन.डी.वाई.एम.सी.ए. कल्चरल सेंटर बिल्डिंग,
1 जय सिंह रोड, नई दिल्ली - 110 001

EXPORT INSPECTION COUNCIL OF INDIA

(An ISO 9001:2000 Certified Organisation)

(Ministry of Commerce & Industry, Govt. of India)

3rd Floor, NDYMCA Cultural Centre Building,
1 Jai Singh Road, New Delhi - 110 001

सं.निनिप/डी (क्यू/सी)
No. EIC/D (Q/C)

DO NOT FOLD

दिनांक :
Dated :

No. EIC/D(Q/C)/T-197 (13)/2010-11/

November 30, 2010

M/s GEO-CHEM Laboratories (P) Limited
Pragati, Adjacent to Crompton Greaves,
Kanjur Marg (E), Mumbai – 400 042,

Sub: Approval under the "EIC's Laboratory Approval Scheme".

Dear Sirs,

Please refer to your application dated 03.09.2010 for approval of your laboratory for Biological and Chemical testing under the EIC's Laboratory Approval Scheme for the purpose of certification of commodities by EIAs (Export Inspection Agencies located at Chennai, Delhi, Kochi, Kolkata and Mumbai). Based on the assessment of your laboratory on 22-23 October 2010 and subsequent closure of relevant NCs, approval is granted to your laboratory as per the enclosed Certificate of Approval, subject to the following terms and conditions.

1. Validity of approval : Up to and including 30.11.2012
2. Scope of approval : (a) Biological Testing as specified in Annexure A
(b) Chemical Testing (for exports to Non-EU countries) as specified in Annexure B
(c) Chemical Testing (for exports to EU including Non-EU countries), as specified in Annexure C
3. This approval shall be valid within the Scope of Approval as specified in the Certificate of Approval and Annexure-A, B & C stated above, subject to the compliance to the terms and conditions laid down in EIC's Laboratory Approval Scheme – 2010.
4. The laboratory shall continue to meet the requirements of EIC's Laboratory Approval Scheme and instructions issued by Export Inspection Council (EIC) from time to time.
5. The laboratory shall ensure that the methods of analysis are always meeting the requirements of the importing countries through the acceptable validated method of analysis for the purpose of certification of commodities by EIAs (Export Inspection Agencies located at Chennai, Delhi, Kochi, Kolkata and Mumbai).
6. The test report or test results of the laboratory, for the parameters not having valid scope of approval as specified in the Annexure-A, B & C shall not be accepted by EIC/EIAs for the purpose of certification.
7. For the purpose of certification of the commodities for export to EU, the test report or test results of the laboratory, for the parameters having valid scope of approval as specified in the Annexure C only will be accepted by EIC/EIAs. The laboratory shall restrict to the testing / analysis within the scope of approval.
8. The laboratory may apply for additional scope of approval under the "EIC's Laboratory Approval Scheme" based on validation of the methods of analysis in compliance to the requirements of importing country.

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9. The testing charges for the products and parameters shall be applicable as fixed by EIC from time to time. However, in case the testing charges are not fixed by EIC, then mutually agreed charges shall be applied. No testing charges shall be applicable for the samples submitted by EIC/EIAs for the purpose of ILC (Inter laboratory comparison), proficiency testing, reference sample testing/verification due to complaints, if any, etc.
10. In case of complaint, if any, from importing country related to the parameter(s) that was/were tested by the laboratory prior to export, the laboratory shall be subjected to audit trail by official(s) nominated by Director, EIC/ In-charge of EIA concerned. The laboratory is subject to take action, as deemed fit, based on the audit report including withdrawal of the approval.
11. The laboratory shall submit periodic statement of tests carried out as per Clause 7.12. However, failure of sample, if any, the laboratory shall immediately send the details of the same to EIC/EIA concerned, including the details of the processor/exporter.
12. The approval shall be valid subject to the condition that within 15 days of grant of approval, the laboratory furnishes either a performance bank guarantee of Rs. One Lakhs or the guarantee payment of Rs. One Lakhs (refundable) by way of Demand Draft/ Pay Order drawn in favor of EIA concerned (Export Inspection Agency - Delhi/ Mumbai/ Kolkata/ Chennai/ Kochi). Nominated official of EIC/EIA reserves the rights with due approval of the Director, EIC, to invoke the guarantee for breach of any of the undertakings given
13. The laboratory shall immediately remit Rs. 50,000/- to EIA towards the approval fee to be paid bi-annually, in advance, if not paid.
14. This approval is no way binding on EIC (Export Inspection Council) to provide samples to the approved laboratory. EIC reserves the rights to use or not to use the testing facility of the laboratory.
15. If the performance of the approved laboratory is found not satisfactory, EIC reserves the right to withdraw the approval granted to the laboratory.
16. The approved laboratory shall apply four months before expiry of its current approval for re-assessment and continuity of its approval as per EIC's Laboratory Approval Scheme-2010.

The laboratory is approved to cater the needs of the EIC / EIAs in the field of inspection and certification of the products for export, as per international / importing countries requirements. In view of this, as per current needs of EIC, the laboratory is advised to comply with the EU requirements for analysis of residue substances and contaminants in addition to the scope of approval, if any, in fishery products, milk, egg, meat, honey, feed, fruits, etc. for the purpose of inspection and certification by EIAs in compliance to the requirements of EU. The laboratory may apply for approval of the additional scope in the prescribed application format along with application fee and relevant supporting documents and get assessed at the earliest for consideration of the same

Please find enclosed the Certificate of Approval and acknowledge receipt.

Yours faithfully,



(Arvind B. Patil)
Deputy Director

Encl: a/a.

Copy to: -

1. The Director (I&QC)
2. The Additional Director, EIC
3. The Joint Director / Agency In-charge, EIA- Chennai / Delhi / Kochi / Kolkata / Mumbai.- for information, record and compliance, as per the requirements.
4. The Computer Centre, EIC, New Delhi :- for website updating.



EXPORT INSPECTION COUNCIL


(Ministry of Commerce & Industry, Govt. of India)
New Delhi

SCOPE OF APPROVAL Annexure A BIOLOGICAL TESTING

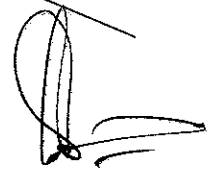
Name of the laboratory : Geo-Chem Laboratories (P) Ltd, Mumbai
Validity of approval : Up to and including 30 11 2012

Date of issue : 30 11 2010
Page 1 of 1

Specific Tests or Parameter	Products, Materials or Items (Matrix)
Aerobic Plate Count	Fish & Fish Products, Milk & Milk Products
Clostridium Perfringens	Fish & Fish Products
Coliform	Fish & Fish Products, Milk & Milk Products
Enterobacteriaceae	Fish & Fish Products
Escherichia Coli	Fish & Fish Products
Escherichia Coli Detection by Real Time PCR (Qualitative)	Food & Agriculture Products
Faecal Coliforms	Fish & Fish Products
Listeria Detection by Real Time PCR (Qualitative)	Food & Agriculture Products
Listeria monocytogenes	Fish & Fish Products
Salmonella	Fish & Fish Products, Milk & Milk Products
Salmonella Detection by Real Time PCR (Qualitative)	Food & Agriculture Products
Shigella	Fish & Fish Products, Milk & Milk Products
Staphylococcus aureus	Fish & Fish Products, Milk & Milk Products, Salt
Staphylococcus aureus Detection by Real Time PCR (Qualitative)	Food & Agriculture Products
Sulphite Reducing Bacteria	Fish & Fish Products, Salt
Vibrio Cholerae	Fish & Fish Products
Vibrio parahaemolyticus	Fish & Fish Products
Escherichia Coli	Water as per Council Directive 98/83/EC
Enterococci	Water as per Council Directive 98/83/EC
Pseudomonas aeruginosa	Water as per Council Directive 98/83/EC
Colony Count at 22°C	Water as per Council Directive 98/83/EC
Colony Count at 37°C	Water as per Council Directive 98/83/EC
Clostridium Perfringens(including Spores)	Water as per Council Directive 98/83/EC
Coliform Bacteria	Water as per Council Directive 98/83/EC
Coliform Bacteria	Water as per IS 4251
Standard Plate Count	Water as per IS 4251
Proteolytic and Lipolytic Organisms Combined Count	Water as per IS 4251
Qualitative Real Time PCR Detection of GMO gene Specific to CaMV 35 S promoter	Maize & Maize Products, Soya & Soya Products,
Quantitative Real Time PCR Detection of GMO gene Specific to CaMV 35 S promoter	Maize & Maize Products, Soya & Soya Products,


Arvind B Patil
Deputy Director


A C Dutta
Joint Director


Dr S K Saxena
Director (I & QC)



EXPORT INSPECTION COUNCIL

(Ministry of Commerce & Industry, Govt. of India)

New Delhi

SCOPE OF APPROVAL

Annexure B

CHEMICAL TESTING

(FOR EXPORTS TO NON-EU COUNTRIES)


Name of the laboratory : Geo-Chem Laboratories (P) Ltd, Mumbai

Date of issue : 30.11.2010

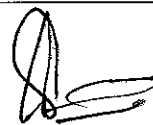
Validity of approval : Up to and including 30.11.2012

Page 1 of 1

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Acid insoluble ash	Milk & Milk Products
Acidity	Honey
Ash	Fish & fishery products
Colour	Honey
Fat, Milk fat, Total fat	Milk & Milk Products
Fiche's test	Honey
Fructose/glucose	Honey
HMF	Honey
Insolubility index	Milk & Milk Products
Milk protein	Milk & Milk Products
Mineral Substance as Ash	Honey
Moisture	Honey, Milk & Milk Products
Nitrate	Fish & fishery products
Nitrite	Fish & fishery products
pH	Fish & fishery products
Reducing sugar	Honey
Salt (as NaCl)	Milk & Milk Products
Specific gravity	Honey
Sucrose	Honey
Total ash	Milk & Milk Products
Sulphite as SO ₂	Fish & fishery products
Total phosphates as P ₂ O ₅	Fish & fishery products
Total volatile base nitrogen (TVBN)	Fish & fishery products
Indole	Fish & fishery products
Trimethylamine Nitrogen	Fish & fishery products
Melamine	Food & Agriculture Products
Pentachlorophenol	Food & Agriculture Products
Ochratoxin A	Food & Agriculture Products
Histamine	Fish & fishery products
Total residual antibiotics as β -Lactam (Amoxicillin, Ampicillin, Cefacetile, Cefalexin, Cefalonium, Cefaperazon, Cefitofur, Cloxacillin, Dicloxacillin, Nafcillin, Penicillin-G, Oxacillin)	Milk & Milk Products
Colour	Water as per IS 4251
Turbidity	Water as per IS 4251
Odour	Water as per IS 4251
pH value	Water as per IS 4251
Total solids	Water as per IS 4251
Total hardness	Water as per IS 4251
Sulphate	Water as per IS 4251
Fluoride	Water as per IS 4251
Chloride	Water as per IS 4251
Cyanide	Water as per IS 4251
Manganese	Water as per IS 4251
Selenium	Water as per IS 4251
Iron	Water as per IS 4251
Magnesium	Water as per IS 4251
Copper	Water as per IS 4251
Lead	Water as per IS 4251
Chromium	Water as per IS 4251
Zinc	Water as per IS 4251
Arsenic	Water as per IS 4251
Nitrate	Water as per IS 4251
Phenolic substances	Water as per IS 4251
Cadmium	Water as per IS 4251
Mercury	Water as per IS 4251


Arvind B. Patil
Deputy Director


A C Dutta
Joint Director


Dr. S K. Saxena
Director (I & QC)



EXPORT INSPECTION COUNCIL

(Ministry of Commerce & Industry, Govt of India)
New Delhi

SCOPE OF APPROVAL

Annexure C

CHEMICAL TESTING

(FOR EXPORTS TO EUROPEAN UNION INCLUDING NON-EU COUNTRIES)


Name of the laboratory : Geo-Chem Laboratories (P) Ltd, Mumbai

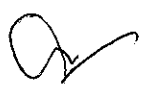
Date of issue : 30.11.2010

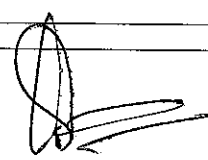
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Page 1 of 3

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Chloramphenicol	Honey, Milk & Milk products, Fish & Fishery Products
Metabolite of Furaltadone - AMOZ (3-amino-5-morpholinomethyl - 2-oxazolidinone)	Honey, Milk & Milk products, Fish & Fishery Products
Metabolite of Furazolidone - AOZ (amino-oxazolidinone)	Honey, Milk & Milk products, Fish & Fishery Products
Metabolite of Nitrofurantoin - AHD (aminohydantoin).	Honey, Milk & Milk products, Fish & Fishery Products
Metabolite of Nitrofurazone - SEM (semicarbazide)	Honey, Milk & Milk products, Fish & Fishery Products
Nitrofurantoin - Furatadone	Fish & fishery products
Nitrofurantoin - Furazolidone	Fish & fishery products
Nitrofurantoin - Nitrofurantoin	Fish & fishery products
Nitrofurantoin - Nitrofurazone	Fish & fishery products
Nitroimidazole - Metronidazole	Milk and milk products
Nitroimidazole - Ronidazole	Milk and milk products
Enrofloxacin (Sum of enrofloxacin and ciprofloxacin)	Milk and milk products
Erythromycin A	Milk and milk products
Gentamicin (Sum of gentamicin C1, gentamicin C1a, gentamicin C2 and gentamicin C2a)	Milk and milk products
Kanamycin A	Milk and milk products
Neomycin B	Milk and milk products
Oxolinic Acid	Fish & Fishery Products
Spectinomycin	Milk and milk products
Spiramycin (Sum of spiramycin and neospiramycin)	Milk and milk products
Streptomycin (Dihydrostreptomycin including Streptomycin)	Honey, Milk and milk products
Sulphonamides (Sulphadimethoxine, Sulphadimidine, Sulphamerazine, Sulphamethoxazole, Sulphathiazole, Sulphamethizole, Sulphadiazine, Sulphaguanidine, Sulphapyridine)	Fish & Fishery Products
Sulphonamides (Sulphadimethoxine, Sulphadimidine, Sulphamerazine, Sulphamethoxazole, Sulphathiazole, Sulphadiazine, Sulfadoxine, Sulfamethoxy-pyridazine, Sulfanilamide)	Honey
Sulphonamides (Sulphadimethoxine, Sulphadimidine, Sulphamerazine, Sulphamethoxazole, Sulphathiazole, Sulfanilamide, Sulphaguanidine, Sulphapyridine, sulfadiazine, sulfathiazole)	Milk and milk products
Tetracyclines (Tetracycline, Chlorotetracycline, Oxy-tetracycline)	Honey, Milk & Milk products, Fish & Fishery Products
Thiamphenicol	Milk and milk products
Tilmicosin	Milk and milk products
Trimethoprim	Honey, Milk & Milk products, Fish & Fishery Products
Tylosin A	Honey, Milk and milk products
Albendazole (Sum of albendazole sulphoxide, albendazole sulphone, and albendazole 2-amino sulphone, expressed as albendazole)	Milk and milk products
Fenbendazole (Sum of extractable residues which may be oxidised to oxfendazole sulphone)	Milk and milk products
Ivermectin (22, 23-Dihydro-avermectin B1a)	Milk and milk products
Morantel (Sum of residues which may be hydrolysed to N-methyl-1,3-propanediamine and expressed as morantel equivalents)	Milk and milk products
Carbamates (Carbaryl, Carbofuran, Propoxeur)	Honey
Pyrethroids [Cyfluthrin (sum of isomers), Cyhalothrin (sum of isomers), Cypermethrin (sum of isomers), Deltamethrin, Fenvalerate (sum of RR, SS, RS and SR isomers), Fluvanelate, Permethrin (sum of isomers)]	Honey
Phenyl Butazone (NSAIDs)	Milk and milk products
Amitraz (Sum of amitraz and all metabolites containing the 2,4-DMA moiety, expressed as amitraz)	Honey
Organochlorine pesticides [Aldrin, Dieldrin, Endrin, BHC (alpha, beta, gamma & delta), 2,4 DDT, 4,4 DDT, 2,4 DDD, 4,4 DDD, 2,4 DDE, 4,4 DDE, Alpha Endosulphan, Beta Endosulphan, Endosulphan Sulphate]	Fish & fishery products
Organochlorine pesticides [Aldrin and Dieldrin, Endosulphan, Heptachlor, DDDT (total), HCH (alpha & beta isomers), Vinclozolin, Chlorobenzilate, Hexachlorobenzene, Lindane]	Honey
Organochlorine pesticides [Aldrin & dieldrin, Chlordane, Endosulfan,	Milk and milk products


Arvind B Patil
Deputy Director


A. C Dutta
Joint Director


Dr S K. Saxena
Director (I & QC)

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SCOPE OF APPROVAL

Annexure C

CHEMICAL TESTING

(FOR EXPORTS TO EUROPEAN UNION INCLUDING NON-EU COUNTRIES)


Name of the laboratory · Geo-Chem Laboratories (P) Ltd, Mumbai

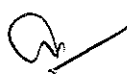
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Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
Heptachlor, Lindane, Methoxychlor, Methoxychlor]	
PCB congeners 2,2,3,4,4',5,5' Heptachlorobiphenyl 2,2',3,4,4',5' Hexachlorobiphenyl 2,2',4,4',5,5' Hexachlorobiphenyl 2,2',5,5' Tetrachlorobiphenyl 2,4,4' Trichlorobiphenyl 2,6 Dichlorobiphenyl	Fish & Fishery Products
Organophosphorus pesticides (Coumaphos, Malathion, Phosalone)	Honey
Organophosphorus pesticides (, Diazinon, Dichlorovos, Ethion, Fention, Malathion, Methyl parathion, Phosalone)	Milk and milk products
Arsenic (As)	Fish & fishery products
Cadmium (Cd)	Fish & fishery products, Honey
Lead (Pb)	Fish & fishery products, Honey, Milk & Milk Products
Mercury (Hg)	Fish & fishery products
Aflatoxin M1	Milk and milk products
Leucomalachite green	Fish & Fishery Products
Malachite green	Fish & Fishery Products
Crystal violet	Fish & Fishery Products
Allura red	Fish & Fishery Products
Pendimethalin	Fish & fishery products
Pentachlorophenol (PCP)	Fish & fishery products
Melamine	Fish & fishery products
PAH p-Naphthalene Acenaphthylene Acenaphthene Flourene Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthracene Chrysene Benzo(b)Flouranthene Benzo(k)Flouranthene Benzo(a)Pyrene Indeno(1,2,3,c,d,)pyrene Benzo(g,h,i)perylene Dibenz(a,h)anthracene	Fish & fishery products
Diminazine	Milk and milk products
Antimony	Water as per Council Directive 98/83/EC
Arsenic	Water as per Council Directive 98/83/EC
Boron	Water as per Council Directive 98/83/EC
Bromate	Water as per Council Directive 98/83/EC
Cadmium	Water as per Council Directive 98/83/EC
Chromium	Water as per Council Directive 98/83/EC
Copper	Water as per Council Directive 98/83/EC
Cyanide	Water as per Council Directive 98/83/EC
Fluoride	Water as per Council Directive 98/83/EC
Lead	Water as per Council Directive 98/83/EC
Mercury	Water as per Council Directive 98/83/EC
Nickel	Water as per Council Directive 98/83/EC
Nitrate	Water as per Council Directive 98/83/EC
Nitrite	Water as per Council Directive 98/83/EC
Total organic carbon	Water as per Council Directive 98/83/EC
Selenium	Water as per Council Directive 98/83/EC
Acrylamide	Water as per Council Directive 98/83/EC
Benzene	Water as per Council Directive 98/83/EC


Arvind B. Patil
Deputy Director


A. C. Dutta
Joint Director


Dr. S. K. Saxena
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SCOPE OF APPROVAL

Annexure C

CHEMICAL TESTING

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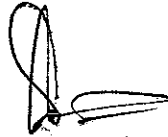
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Page 3 of 3

Specific Tests or Parameter (Analyte)	Products, Materials or Items (Matrix)
1,2 - Dichloroethane	Water as per Council Directive 98/83/EC
Epichlorohydrin	Water as per Council Directive 98/83/EC
Tetrachloroethene and Trichloroethene	Water as per Council Directive 98/83/EC
Vinyl chloride	Water as per Council Directive 98/83/EC
Trihalomethanes - total	Water as per Council Directive 98/83/EC
Benzo (a) pyrene-	Water as per Council Directive 98/83/EC
Pesticide Residues DDT (O, P & P, P - Isomers OF DDT, DDE, & DDD γ - HCH (Lindane) α , β and δ - HCH Endosulfan (α , β and sulphate) Aldrin and Dieldrin Methyl Parathion Monocrotophos Phorate Sulphoxide Phorate Sulphone 2, 4 - D Butachlor Isoproturon Alachor Atrazine Methyl Paraxon Malaxon Chlorpyrifos Phorate Malathion Malathion Ethion	Water as per Council Directive 98/83/EC
Polycyclic Aromatic Hydrocarbons p-Naphthalene Acenaphthylene Acenaphthene Flourene Phenanthrene Anthracene Fluoranthene Pyrene Benzo(a)anthracene Chrysene Benzo(b)Flouranthene Benzo(k)Flouranthene Benzo(a)Pyrene Indeno(1,2,3,c,d)pyrene Benzo(g,h,i)perylene Dibenz(a,h)anthracene	Water as per Council Directive 98/83/EC
Aluminium	Water as per Council Directive 98/83/EC
Ammonium	Water as per Council Directive 98/83/EC
Chloride	Water as per Council Directive 98/83/EC
Colour	Water as per Council Directive 98/83/EC
Conductivity	Water as per Council Directive 98/83/EC
Hydrogen ion concentration (pH)	Water as per Council Directive 98/83/EC
Iron	Water as per Council Directive 98/83/EC
Manganese	Water as per Council Directive 98/83/EC
Odour	Water as per Council Directive 98/83/EC
Oxidisability	Water as per Council Directive 98/83/EC
Sulphate	Water as per Council Directive 98/83/EC
Sodium	Water as per Council Directive 98/83/EC
Taste	Water as per Council Directive 98/83/EC
Turbidity	Water as per Council Directive 98/83/EC


Arvind B. Patil
Deputy Director


A. C. Dutta
Joint Director


Dr. S. K. Saxena
Director (I & QC)