

**Government of India
Ministry of Railways
(Railway Board)**

No. 2023/EnHM/06/05/New Chemicals/Technologies

Dated:01.03.2024

**The Principal Chief Mechanical Engineer,
Central Railway and Western Railway**

Sub:- Trial of Odour Free Urinals – First time in India by installing “Clonon Mist Spray Machine” of M/s Dimple Chemicals & Services Pvt. Ltd.

Enclosed please find attached herewith a proposal dt.19.01.2024 received from M/s Dimple Chemicals and Services Pvt. Ltd. requesting to use their product “Colonon Concentrate” for train toilets, platform toilets and office toilet.

The firm has stated that the aforesaid products would be cost effective, with appropriate technologies for ecological safe and sustainable sanitation. The firm has mentioned that the aforementioned product has been successfully test trials in various trains of Central Railway.

In view of the above, Zonal Railways are requested to conduct trial of product of M/s Dimple Chemicals and Services Pvt. Ltd. to evaluate their effectiveness and possible use in your railway.

DA : As above.



**(Shailendra Singh)
Principal Exe. Director/ME(EnHM & Proj.)
Railway Board**

Copy to : M/s Dimple Chemicals and Services Pvt. Ltd., Gat no.281, Village: Ghotawade, Hinjewadi-Pirangut Road, Taluka: Mulshi, District: Pune -412115(Maharashtra) India.

Ref: DCSPL/RAIL/2023-24/1901/1

To,
The Director / EnHM,
Railway Board
Ministry of Railway, Delhi.

Kind Attn.: Ajay Jha

Subject: Submission of required information / Documents
Odour Free Urinals – First time in India by installing Clonon Mist Spray Machines.

Ref.: Your letter No. 2023/EnHM/06/05/New Chemicals/Technologies Dated: 18.01.2024

Respected Sir,

We express our thanks for consideration of our proposal submitted to you. We are in receipt of your above-mentioned letter and we herewith enclosing required documents as required by you.

We re furnishing below details:

1. Enclosed our Quotation No. 070 Dt. 19-01-2024 for unit price of Clonon Concentrate product and Clonon Mist Spray Machine with details.
2. Enclosed Fixed Asset Schedule for Financial Assets details of the firm.
3. Enclosed Work Experience Certificate of MIDC Mahape, Maharashtra
4. Enclosed Composition / Ingredients and Properties of Clonon Concentrate Product
5. Enclosed below test reports:
 - a. TUV India for Effectiveness Test.
 - b. D Technology Pvt Ltd for antiviral activity.
 - c. APT Testing & Research Pvt. Ltd. for non-irritant & non-toxic.
 - d. Haffkine Institute for Training, Research & Testing for antibacterial & Antifungal efficacy testing.
6. Enclosed ISO 9001:2015 NABL accredited certificate
7. Green Pro Accreditation certificate is Not Applicable for us.
8. Enclosed Maharashtra Pollution Control Board Consent letter
9. Enclosed Material Safety Data Sheet of Clonon Concentrate.
10. Enclosed GST Certificate of the company.
11. Enclosed Test reports Haffkine Institute as a Govt. lab.

We hope all above information and enclosed documents may fulfil your requirement.

Thanking you,
Yours Faithfully

For Dimple Chemicals & Services Pvt. Ltd.

Nikhil Kelkar

Nikhil Kelkar
Director



Factory: Gat No. 281, Village: Ghotawade,
Hinjewadi-Pirangut Road, Taluka: Mulshi,
District: Pune 412108. (Maharashtra) India.
☎ +91-20-25887143, 08888855400
✉ marketing@dimplechem.com



DIMPLE®
CHEMICALS & SERVICES PVT. LTD.
Visit us at www.dimplechem.com

CIN No.: U24119PN2008PTC133208

S. No. 33/36

**Government of India
Ministry of Railways
(Railway Board)**

No. 2023/EnHM/06/05/New Chemicals/Technologies

Dated: 18.01.2024

**M/s Dimple Chemicals & Services Pvt. Ltd.,
Gat No.281,Village: Ghotawade,
Hinjewadi- Pirangut Road,,
Taluka: Mulshi, District: Pune-412115,
Maharashtra.**

**Sub: Odour Free Urinals – First time in India by installing Clonon Mist Spray
Machines.**

Ref.:Your Letter No. DCSPL/Proposal/2023-24/11 dated 27.10.2023.

Kindly refer to your letter dated 27.10.2023. In this regard it is requested to kindly
furnish the following :-

- 1) What is the unit price of product and Machine (details) for the above mentioned Works?
- 2) Provide Financial Assets(details) of the firm.
- 3) Provide Experience Certificates regarding supply to private firms/Government bodies if any?
- 4) What are the Composition/Ingredients and Properties of Colonon Concentrate Product as mentioned in letter?
- 5) Is the product is environment friendly, non-corrosive, non-toxic/unharmful to humans and Bio-degradable? Provide certificate in support of the same.
- 6) Provide ISO 9001:2015 or ISO 14001:2015 certificate if any.
- 7) Provide Green Pro accreditation certificate if any.
- 8) Provide certificate from Pollution Control Board for permission/license for using the product.
- 9) Provide Material Safety Data Sheets of Product.
- 10) Provide Certificate of Registration and GST Certificate of the firm.
- 11) Provide Test Reports of product from NABL accredited lab/Govt. Lab if any.


18/1/24
(Ajay Jha)
**Director/EnHM
Railway Board**

Ref: DCSPL/QUOT/2023-24/070 R01

Date: 19/01/2024

To,
Executive Director Mech. Engg. (EnHM & Projects)
Railway Board,
Room no.152-B
Rail Bhawan
New Delhi 110001.

K/A Mr. Shailendra Singh – Executive Director Mech. Engg. (EnHM & Projects)

Subject: Quotation for Clonon® Mist Spray Machine

Respected Sir,

With reference to discussion for **Clonon® Mist Spray Machine**, we are glad to submit our best competitive quotation for your kind perusal.

| S.N. | Item Discription | Qty. | Unit | HSN Code | Basic Cost of Machine |
|------|--|------|------|----------|-----------------------|
| 1 | Clonon Mist Spray Machine (1-10 nozzle spray system) | 1 | No. | 85015210 | 350,000.00 |
| | Pump with 70 psi pressure and working flow 1300 ML/ min. with 24 Volt Adaptor with ON-OFF Timer switch with Buzzer, Automatic buzzer solution when tank will empty, Installed sensors for variable timing for duration of spray and for sprays time gap, Provided Filter of 5 micron for dust free, 10 ltr capacity of built in tank. All Pipe lines & nozzles fitting in closed casing, One Machine capacity for 10 no of urinal. | | | | |
| | Total Cost | | | | 3,50,000.00 |
| | Installation charges may vary as per location | | | | |
| | One year comprehensive maintenance charges included | | | | |

Terms & Condition:

1. Above rates are ex-factory (Ghotawade – Pune). Dispatch will be on 'Freight to Pay' basis.
2. Payment Terms: 100% in Advance
3. GST 18% extra or as applicable.
4. Transit insurance from our factory to your location is to be borne by you.
5. Post installation visit charges extra at actual (after completion of 1 year of installation).
6. Any additional spares will cost extra at actual (after completion of 1 year of installation).
7. Validity of this quotation is for One month only.
8. Standard Warranty of Machine is One year from the date of machine installation.

P.T.O.

Factory: Gat No. 281, Village: Ghotawade,
Hinjewadi-Pirangut Road, Taluka: Mulshi, District:
Pune 412115. (Maharashtra) India.
☎ +91-20-25887143 / 8888855400
✉ sales@dimplechem.com



DIMPLE®
CHEMICALS & SERVICES PVT. LTD.

Visit us at www.dimplechem.com

CIN: U24119PN2008PTC133208

S.m 33/34

Reference photo of mist spray machine



It will be very great opportunity to work with you, waiting for your valuable order to serve you.

Please feel free to connect us for more details about our technology.

With Regards

For Dimple chemicals & Services Pvt. Ltd

Nikhil Kelkar
Director



Factory: Gat No. 281, Village: Ghotawade,
Hinjewadi-Pirangut Road, Taluka: Mulshi, District:
Pune 412115. (Maharashtra) India.
☎ +91-20-25887143 / 8888855400
✉ sales@dimplechem.com



DIMPLE[®]
CHEMICALS & SERVICES PVT. LTD.

Visit us at www.dimplechem.com

To,
Executive Director Mech. Engg. (EnHM & Projects)
Railway Board,
Room no.152-B
Rail Bhawan
New Delhi 110001.

K/A Mr. Shailendra Singh – Executive Director Mech. Engg. (EnHM & Projects)

Subject: Product quotation of Clonon Concentrate

Dear Sir/Madam,

We are glad to offer our rates for the product as per your requirement with other terms & conditions mentioned below.

| Sr. No | Product Name | Basic Rate (Rs.) Per unit | Unit | HSN Code |
|--------|--------------------|------------------------------|------|----------|
| 1 | Clonon Concentrate | 2199.00 | Ltr | 340290 |

| Calculation of Diluted Clonon Concentrate. | | |
|--|------------|-----------------|
| Particulars | Qty. (Ltr) | Amount (in Rs.) |
| Dilution ratio is- 1:99 | | |
| Hence Total Diluted Material will be 100 Ltr | | |
| Per Ltr cost of diluted Clonon | 1 | 21.99 |

Other Terms & Condition:

1. GST extra 18% or as applicable.
2. **Payment:** 100% Advance in our HDFC Bank Ltd. A/C 50200021174199
3. **Lead Time:** 10 Days from the receipt of order
4. **Packing:** Packing will be given as per our standards i.e. in 1ltr/5 ltr/25 ltr etc
5. **Delivery:** Ex.Ghotawade & Transport cost to be borne by you.
6. **Validity:** One month from the date of quotation
7. **Insurance:** Transit Insurance from our factory to your location is to be borne by you.

OTHER TERMS & CONDITIONS OF SALE

1. Packing and Forwarding:

The products shall be packed as per our standard practice. If any changes required in packing / marking on the container, it will be charged extra

2. Local Duty and Local Taxes:

The prices offered by Dimple Chemicals and Services Pvt Ltd do not include local duty/Entry tax (if any), which is payable to the local authorities at destination. Buyer will pay such duties directly while receiving the products.

33/32
S.M.**3. Variation or Addition in Scope of Supply:**

The scope of Dimple Chemicals and Services Pvt Ltd supply is restricted to as specified in the proposal. Any subsequent addition or alteration will be acceptable to Dimple Chemicals and Services Pvt Ltd provided it is convenient to do so and the price and delivery period is suitably revised. Unless such revision is authorized from the Buyer within 15 days of our intimation, Dimple Chemicals and Services Pvt Ltd shall be at liberty to suspend further work and recommence it only after fresh negotiation on prices and delivery period. The same will be the case if Dimple Chemicals and Services Pvt Ltd is forced to suspend work for more than 15 days at Buyer's specific instructions or lack of instructions.

4. Changes in Work or Law:

If there is any change in the scope and/or nature of work, during the execution of this project, because of change in Government's ruling or regulations or order, an adjustment in terms including, but not limited to, prices, deliveries, etc. shall be mutually agreed.

Dimple Chemicals and Services Pvt Ltd is not obliged to proceed with the changes until Dimple Chemicals and Services Pvt Ltd have received the Buyer's written approval of the proposed changes as well as adjustments, if any, in terms of the order.

5. Delivery:

The detailed Purchase Order comprising of scope, technical specifications and commercial terms shall be released within a maximum period of two weeks from the date of Letter of Intent. The zero date of the order is the date Dimple Chemicals and Services Pvt Ltd receives detailed Purchase Order and **advance**. The delivery period mentioned in this proposal is given in good faith based on Dimple Chemicals and Services Pvt Ltd present commitments and is therefore subject to reconfirmation at the time of acceptance of PO.

6. Cancellation:

Buyer will not unilaterally cancel the order once Dimple Chemicals and Services Pvt Ltd accept it. In the event of the order being cancelled by Buyer with Dimple Chemicals and Services Pvt Ltd's consent, the Buyer will be liable to pay cancellation charges to Dimple Chemicals and Services Pvt Ltd, either proportional to the order period up to the date of cancellation or the actual cost of work completed, whichever is higher, subject to the minimum of 20% of the value of order. The Buyer will not have any claim materials lying with Dimple Chemicals and Services Pvt Ltd, which, after cancellation of order, will become Dimple Chemicals and Services Pvt Ltd's property.

Under no circumstances, cancellation of order is acceptable after expiry of 25% of order period.

7. Secrecy:

All data, specifications and drawings submitted by Dimple Chemicals and Services Pvt Ltd as a part of the order are proprietary in nature and will not be passed on by the Buyer to any third party, for whatever reason, without Dimple Chemicals and Services Pvt Ltd's written consent.

8. Governing Laws:

The Laws and Regulations of Pune, India shall govern the supply of this project.

9. General:

Any condition or other matters pertaining to this offer not expressly stipulated will be a matter of mutual discussions and agreement at the time of accepting the order.

We are submitting you the best competitive rates. Eagerly awaiting your valuable purchase order.

Thanking you,

Yours faithfully,

For **DIMPLE CHEMICALS & SERVICES PVT LTD**

Nikhil Kerkar

Authorized Signatory



Factory: Gat No. 281, Village: Ghotawade,
Hinjewadi-Pirangut Road, Taluka: Mulshi, District:
Pune 412108. (Maharashtra) India.

+91-20-25887143 / 8888855400

✉ anil@dimplechem.com; sales@dimplechem.com



DIMPLE
CHEMICALS & SERVICES PVT. LTD.

Visit us at www.dimplechem.com

DIMPLE CHEMICALS AND SERVICES PVT LTD
Notes Forming Integral Part of the Financial Statements as at 31st March, 2023

Notes No : 8 Fixed Asset (Depreciation working as per Companies Act 2013)
Fixed Assets

| Sr. No | Particulars | Useful Life | Value at the beginning | Addition during the year | Gross Block | Deduction during the year | Transfer to profit & Loss | Value at the end | Value at the beginning | Addition during the year | Deduction during the year | Value at the end | WDV as on 31.03.2023 | WDV as on 31.03.2022 |
|--------|---|-------------|------------------------|--------------------------|-------------|---------------------------|---------------------------|------------------|------------------------|--------------------------|---------------------------|------------------|----------------------|----------------------|
| I | Tangible Assets | | | | | | | | | | | | | |
| 1 | Land | | 6862 | | | | | 6862 | 0 | 0 | 0 | 0 | 6862 | 6862 |
| 2 | Factory Building (Other than RCC) | 30 | 6114 | 88 | | | | 6202 | 4045 | 193 | | 4238 | 1964 | 2069 |
| 3 | Buildings (Other than RCC) | 30 | 3229 | 644 | | | | 3873 | 2117 | 105 | | 2222 | 1550 | 1112 |
| 4 | General Plant & Machinery | 15 | 35512 | 471 | | | | 35983 | 27094 | 1582 | | 26675 | 7307 | 8418 |
| 5 | Laboratory Equipments-General | 10 | 846 | | | | | 846 | 771 | 11 | | 761 | 65 | 76 |
| 6 | P&M-Pharma-Chemicals-Vessel/Storage Tanks | 20 | 10742 | 1862 | | | | 12604 | 7994 | 501 | | 8495 | 4109 | 2748 |
| 7 | P&M-Civil Construction-Heavy Lifting Cranes less than 100 Tons | 15 | 789 | | | | | 789 | 544 | 44 | | 588 | 201 | 245 |
| 8 | Furniture & Fixture-General | 10 | 1532 | | | | | 1532 | 1341 | 43 | | 1384 | 148 | 191 |
| 9 | Office Equipments | 5 | 1863 | 378 | | | | 2241 | 1886 | 137 | | 1823 | 418 | 177 |
| 10 | MV-Buses, Lorries, Cars and Taxis other than used in business of hire | 8 | 12065 | 3578 | | 6 | | 15637 | 11188 | 951 | | 12139 | 3498 | 877 |
| 12 | MV-Motor Cycles, Scooters, Mopeds | 10 | 334 | | | 38 | | 295 | 291 | 2 | | 293 | 2 | 43 |
| 13 | MV-Motor Cycles ELECTRIC | 6 | 1799 | 224 | | | | 224 | 0 | 20 | | 20 | 205 | |
| 14 | Computer & Data Processing Units-Servers & Networks | 10 | 2709 | 127 | | | | 1926 | 1646 | 67 | | 1714 | 213 | 153 |
| 15 | Electrical Installation & Equipments | | | | | | | 2709 | 2405 | 58 | | 2463 | 246 | 304 |
| | SUB TOTAL (A) | | 84396 | 7372 | | 44 | | 91724 | 61122 | | 3715 | 64837 | 26887 | 23274 |
| II | Intangible Assets | | | | | | | | | | | | | |
| | | | 3247 | 40 | | 0 | | 3287 | 2871 | | 77 | 0 | 339 | 376 |
| | SUB TOTAL (B) | | 3247 | 40 | | 0 | | 3287 | 2871 | | 77 | 0 | 339 | 376 |
| IV | Intangible Assets under Development | | | | | | | | | | | | | |
| 1 | Clonon (Trademark) | | 0 | 0 | | 0 | | 0 | 0 | | 0 | 0 | 0 | 0 |
| 2 | PICC Trademark (WIP) | | 0 | 0 | | 0 | | 0 | 0 | | 0 | 0 | 0 | 0 |
| | SUB TOTAL (C) | | 0 | 0 | | 0 | | 0 | 0 | | 0 | 0 | 0 | 0 |
| | Total [A + B + C] (Current Year) | | 87643 | 7413 | | 44 | | 95011 | 63993 | | 3792 | 67785 | 27226 | 23650 |

Dimple chemicals & Services (Partnership firm) had converted into Private Limited company on 12/12/2008. Written down value as on 12/12/2008 has been considered as cost of assets for the purpose of useful life & residual value.

The Company has revalued following assets

| Sr. No. | Particulars | Amount of Revaluation | Date of Revaluation |
|---------|------------------|-----------------------|---------------------|
| 1 | Factory Premises | 63,00,000 | 19-03-2005 |
| 2 | Machinery | 61,29,000 | 19-03-2005 |



S.M. 33/31

MAHARASHTRA INDUSTRIAL DEVELOPMENT CORPORATION

(A Government of Maharashtra Undertaking)

MIDC, Ex-III Office Building, Plot No. A-12, Behind Industrial Building, TTC Indl. Area, Mahape, Navi Mumbai-400 710
E-Mail: info@midc.org, midc@midc.org, midc@midc.org Tel No. 022-27261000

WORK DONE CERTIFICATE

| | | |
|-------|--|---|
| 1. | Name of contractor | M/s. Dimple Chemicals & Services Pvt. Ltd. |
| 2. | Name of work | M&R to Non Residential Building Providing & fixing Clonon Mist spray machine (All Purpose cleaner & Odour remover) for common toilet block @ Mahape Office Building Agreement No. B-2/34 for 2023-2024 |
| 3. | Estimated cost put to tender | ₹ 35,00,000/- |
| 4. | Tendered cost | ₹ 35,00,000/- (AT PAR) |
| 5. | Period stipulated in tender for completion of work | Fourteen (14) calendar months (including monsoon) |
| 6. | Date of work order | 04 / 09 / 2023 |
| 7. | Stipulated Date of start of work | 04 / 09 / 2023 |
| 8. | Stipulated Date of completion | 03 / 11 / 2024 |
| 9. | Actual date of completion | Work in progress |
| 10. | If time over-run, the reasons for the same | N.A. |
| 11. | Upto date cost of work done | ₹ 28,50,000/- (Excluding GST) |
| 12 a. | Has the tenderer started the work promptly after issue of work order | Yes |
| b. | Has the tenderer maintained progress of work as per agreement | Yes |
| c. | Quality of work | Satisfactory |
| d. | Compensation / Penalty levied if any with reasons | N.A. |
| 13. | Any other fact about the overall performance of the contractor, the authority may like to mention. | Providing & fixing Clonon Mist Spray machine is completed. Supply of Clonon Concentrate for 1 year is in progress. |

Certified that the information given is based on the facts and figures recorded in this office through various documents and is true to the best of my knowledge and belief

No. EE/AR/eOffice/33767 of 2023.
Office Of The Executive Engineer,
M.I.D.C. Thane Division No.2,
Mahape, Navi Mumbai - 400 710.
Date: 29/12/2023

(R. G. RATHOD)
Executive Engineer
MIDC, Division No.2, Mahape

To,
M/s. Dimple Chemicals & Services Pvt. Ltd.,
Gat No. 281, At Post Ghotawade,
Tal. Mulshi, Dist-Pune - 412 108.

Ref: DCSPL/RAIL/2023-24/1901/2

Date: 19th January 2024

To,
The Director / EnHM,
Railway Board
Ministry of Railway,
Delhi

Kind Attn.: Ajay Jha

**Subject: Composition / Ingredients and Properties of Clonon Concentrate
Odour Free Urinals – First time in India by installing Clonon Mist Spray Machines.**

Ref.: Your letter No. 2023/EnHM/06/05/New Chemicals/Technologies Dated: 18.01.2024

Respected Sir,

We are furnishing below details of Composition / Ingredients and Properties of Clonon Concentrate:

| S. No. | Ingredient Name | Percentage | CAS No. |
|--------|-----------------------|---------------|-----------|
| 1 | Benzalkonium Chloride | 2% to 3% | 8001-54-5 |
| 2 | Glutaraldehyde | 0.5% to 1.5% | 111-80-5 |
| 3 | DM Water | QS to 100% | NA |
| 4 | Excipients | 1.0 % to 1.5% | NA |

We hope above information may fulfil your requirement.

Thanking you,

Yours Faithfully
For Dimple Chemicals & Services Pvt. Ltd.

Nikhil Kelkar

Nikhil Kelkar
Director



Factory: Gat No. 281, Village: Ghotawade,
Hinjewadi-Pirangut Road, Taluka: Mulshi,
District: Pune 412108. (Maharashtra) India.
☎ +91-20-25887143, 08888855400
✉ marketing@dimplechem.com



DIMPLE[®]
CHEMICALS & SERVICES PVT. LTD.

Visit us at www.dimplechem.com

CIN No.: U24119PN2008PTC133208

TEST REPORT

Report No: TUV(I)/1212/20-21/0062000055

Date: 12 Jun 2020

Name & Address of Customer

: Dimple Chemicals & Services P Ltd
Gat No 281, Village Ghotawade Near
Shelkewadi Tal-Mulshi,
Pune, Maharashtra - 412115

Name of the Sample

: Clonon

Name of the Test

: Disinfectant / Sanitizer Effectiveness Test

CA No.

: 006200055

Date of sample receipt

: 01 Jun 2020

Date(s) of analysis

: 01 Jun 2020- 12 Jun 2020

Objectives Of Test

: To determine the effectiveness of the disinfectant /
Sanitizer used for the sanitation



[Signature]

DAY-3

| Time-Kill Results for Test Sample | | | | |
|--|---------------|-----------|-----------------------------|-------------------------------------|
| Microorganism (ATCC #) | Exposure time | Replicate | Log ₁₀ Reduction | Average Log ₁₀ Reduction |
| <i>E.coli</i> ATCC 8739 | 30 sec | 1 | >5.91 | >5.91 |
| | 60 sec | 1 | >5.91 | |
| | 90 sec | 1 | >5.91 | |
| <i>Staphylococcus aureus</i> ATCC 6538 | 30 sec | 1 | >5.92 | >5.92 |
| | 60 sec | 1 | >5.92 | |
| | 90 sec | 1 | >5.92 | |
| <i>Salmonella typhimurium</i> ATCC 23564 | 30 sec | 1 | >5.93 | >5.93 |
| | 60 sec | 1 | >5.93 | |
| | 90 sec | 1 | >5.93 | |
| <i>Shigella flexnerii</i> ATCC 12022 | 30 sec | 1 | >5.92 | >5.92 |
| | 60 sec | 1 | >5.92 | |
| | 90 sec | 1 | >5.92 | |
| <i>Listeria monocytogens</i> ATCC 19111 | 30 sec | 1 | >5.92 | >5.92 |
| | 60 sec | 1 | >5.92 | |
| | 90 sec | 1 | >5.92 | |
| <i>Streptococcus faecalis</i> ATCC 8043 | 30 sec | 1 | >5.93 | >5.93 |
| | 60 sec | 1 | >5.93 | |
| | 90 sec | 1 | >5.93 | |

Table: 5: Percentage & Log Reduction of Challenge Organisms

| Test Microorganisms | Reduction | Percentage & Log Reduction of Challenge Organisms | | | | | | | | |
|-------------------------------|------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | Time Intervals | | | | | | | | |
| | | 30 Sec | | | 60 Sec | | | 90 Sec | | |
| | Replicates | 1 | 2 | 3 | 1 | 2 | 3 | 1 | 2 | 3 |
| <i>E.coli</i> | Percentage | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 |
| | Log | > 5.91 | > 5.91 | > 5.91 | > 5.91 | > 5.91 | > 5.91 | > 5.91 | > 5.91 | > 5.91 |
| <i>Staphylococcus aureus</i> | Percentage | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 |
| | Log | >5.93 | >5.92 | >5.92 | >5.93 | >5.92 | >5.92 | >5.93 | >5.92 | >5.92 |
| <i>Salmonella typhimurium</i> | Percentage | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 |
| | Log | >5.93 | >5.92 | >5.93 | >5.93 | >5.92 | >5.93 | >5.93 | >5.92 | >5.93 |
| <i>Shigella flexnerii</i> | Percentage | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 |
| | Log | >5.93 | >5.93 | >5.92 | >5.93 | >5.93 | >5.92 | >5.93 | >5.93 | >5.92 |
| <i>Listeria monocytogens</i> | Percentage | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 |
| | Log | >5.92 | >5.92 | >5.92 | >5.92 | >5.92 | >5.92 | >5.92 | >5.92 | >5.92 |
| <i>Streptococcus faecalis</i> | Percentage | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 | >99.999 |
| | Log | >5.93 | >5.93 | >5.93 | >5.93 | >5.93 | >5.93 | >5.93 | >5.93 | >5.93 |



Report No: TUV(I)/1212/20-21/00620000055
Date: 12 Jun 2020



I. Interpretation:

- The initial load of microorganisms were tested for the product and found to be sterile. Hence the Effectiveness test had been initiated.
- The test demonstrated that the product Clonon shows $> 5 \log$ reduction/ $> 99.999\%$ reduction at 30s, 60 Sec & 90 sec time intervals against challenge organisms.

E.coli, *Staphylococcus aureus*, *Salmonella typhimurium*, *Shigella flexneri*, *Listeria monocytogens* *Streptococcus faecalis*



Authorized by

Silaine Premkumar
Incharge - Microbiology

Terms and Conditions

1. Test Results are based on & related only to the particular sample(s) tested.
2. This Report cannot be re-produced, except when in full, without the written permission from TUV India Pvt. Ltd.
3. This Certificate reflects our findings at the time and place of testing.
4. Sample(s) will be retained by us for a period of one month for non-perishable items only. Perishable items will be destroyed after completion of tests.
5. This Report, in full or in part, shall not be used to make any misleading claims or for any legal purposes.
6. All terms and conditions of our quotation on the basis of which this testing service has been provided are deemed to be fully accepted by the customer and are deemed to be in full force and effect.
7. This Report is exclusively for the use of the customer whose name and address is indicated above. No third party can derive rights against the company on the basis of this report. No third party has any right to raise any claims on the company.
8. For Biological and mycotoxin Analysis: Our analytical findings reflect the quality of the sample at the time of testing. No responsibility can be accepted for the possible consequences of further development of micro-organisms or mycotoxin which may depend upon storage, handling & weather conditions which may influence the results at a later date/time respectively.
9. The laboratory tests are conducted by TUV India as per mutual agreement without any implied warranty of merchantability and fitness for any general or particular use. TUV India will not be liable for any claims for indirect, incidental or consequential damages including but not limited to loss of revenue, loss of profits and similar claims. TUV India will also not be liable under any strict liability, product liability or negligence. The total liability, scientifically and legally proven, if any, of TUV India, in any case, shall not exceed the invoiced amount for the services provided and paid for.
10. For Pesticide Residue analysis, reported value at LOQ level may vary within analytical variation of 50% considering Uncertainty of Measurement.

-- End of Report --

S-4, 33/24

S.N. 33/23

Date: 09.07.2020

CERTIFICATE

This is to certify that "Clonon – All purpose Cleaner & Odour Remover" supplied by Dimple Chemicals and Services Pvt Limited when tested for antiviral activity by ASTM E1052-20 using MS2 Bacteriophage, a surrogate for SARS-CoV-2 (COVID-19), over a contact time of 90 seconds, demonstrated a percentage kill of 87.2366 and a log reduction of 0.8940.

The test was conducted on the sample 'as submitted' without any dilution, in a single procedure, at a temperature of $25^{\circ}\text{C} \pm 1^{\circ}\text{C}$.

This test report is valid for the specified test material tested at the time of study under the stated environmental conditions for Batch No: 19/20-782 vide our test report number dtech/20-21/10015.

Deepa Bhajekar

Authorized Signatory / Technical Head

Name: Dr. Deepa Bhajekar

S.M. 35/24

APT TESTING AND RESEARCH PRIVATE LIMITED

APPROVED BY FDA - MAHARASHTRA STATE LIC NO. - 37-PD/TL/7
ISO 9001:2015 CERTIFIED LABORATORY (Regd. No. QMS.91.002 04 16)

Regd. Office: S. No. 36/1/1 M.N. 199, Vadgaon Khurd, Pune 411 041, Maharashtra, India
• Tel.: + 91 9607352020 • E-mail: info@ntc-apt.com, ntcpune@gmail.com
• Web: ntc-apt.com • CIN NO.: U74220PN2008PTC132043



Date: 24/JUNE/2020

INTERIM CERTIFICATE

This is to certify that the LD50 value of "CLONON-ALL PURPOSE CLEANER & ODOUR REMOVAL", supplied by DIMPLE CHEMICALS & SERVICES PVT LTD, according to the OECD Guidelines, 423, Adopted 17th December 2001, in Wistar rats by the oral route, would be in GHS Category 5, > 2000-5000 mg/kg body weight, with a LD₅₀ cut off at 5000 mg/kg body weight.

All the animals showed no clinical signs of toxicity, no toxicity at gross necropsy at the dose of 300 mg/kg. At the dose of 2000 mg/kg there were no clinical signs of toxicity and mortality till date.

The report of the toxicity test conducted will be submitted through
Study Code "CH199/2021/1791/IRA(a)".

This test report will be valid for the specified test material tested at the time of study under the stated environmental conditions.

As the dose of 2000 mg/kg showed no clinical signs of toxicity and mortality till date (8 days), it can be concluded that "CLONON-ALL PURPOSE CLEANER & ODOUR REMOVAL" could be SAFE for use.

ATR is approved by the Food & Drug Administration, Maharashtra State, Pune, through License No. 37-PD/TL/7.

K. Apte

Dr. K. G. Apte

Test Facility Management.

S.N. 33/23

APT TESTING AND RESEARCH PRIVATE LIMITED

APPROVED BY FDA - MAHARASHTRA STATE LIC NO. - 37-PD/TL/7
ISO 9001:2015 CERTIFIED LABORATORY (Regd. No. QMS.91.002.04.16)

Regd. Office: S No 36/1/1, M.N. 199, Vadgaon Khurd, Pune 411 041, Maharashtra, India
• Tel.: +91 9607352020 • E-mail: info@ntc apt.com, ntc.pune@gmail.com
• Web: ntc-apt.com • CIN NO.: U74220PN2008PTC132043



Date: 24/June/2020.

C E R T I F I C A T E

This is to certify that the Acute Dermal Irritation/Corrosion of the test material "CLONON- ALL PURPOSE CLEANER & ODOUR REMOVAL" supplied by DIMPLE CHEMICALS & SERVICES PVT. LTD., according to the OECD Guidelines 404, Adopted 28th July 2015, in rabbits was found to be SAFE at the dose level of 0.50 ml/patch.

The Skin Irritation Index was found to be 0.00.

The test material was found to be a NON - IRRITANT to the skin in rabbits and hence it can be concluded that "CLONON- ALL PURPOSE CLEANER & ODOUR REMOVAL" is NON -TOXIC and SAFE for use.

The report of the toxicity test conducted has been submitted through Study Code No. "CH199/2021/1791/024"

This test report is valid for the specified test material tested at the time of study under the stated environmental conditions.

ATR is approved by the Food & Drug Administration, Maharashtra State, Pune, through License No. 37-PD/TL/7.


Dr. K. G. Apte

Test Facility Management.

33/22
5-41

APT TESTING AND RESEARCH PRIVATE LIMITED
APPROVED BY FDA - MAHARASHTRA STATE LIC NO - 37-PD/TL/7
ISO 9001:2015 CERTIFIED LABORATORY (Regd. No. QMS.91.002.04.16)
Regd. Office: S. No. 36/1/1, M.N. 199, Vadgaon Khurd, Pune 411 041, Maharashtra, India.
• Tel.: +91 9607352020 • E-mail: info@ntc-apt.com, ntc-pune@gmail.com
• Web: ntc-apt.com • CIN NO.: U74220PN2008PTC132043



Date: 27/July/2020.

CH199/2021/1791/IRb(1)

CERTIFICATE

This is to certify that the test material "CLONON-ALL PURPOSE CLEANSER & ODOUR REMOVER", supplied by DIMPLE CHEMICALS & SERVICES PVT. LTD., Gate No. 281, Village: Ghotawade, Hinjewadi-Pirangut Road, Taluka: Mulshi, District: Pune 412115, (Maharashtra) India caused NON IRRITATION to the eye in rabbits, according to the OECD Guidelines 405, Adopted 9th October 2017.


The Irritation Score was found to be 0.00. The test material is termed as a NON IRRITANT to eye.

The report of the toxicity test conducted has been submitted through Study Code. "CH199/2021/1791/IRb(f)"

This test report is valid for the specified test material tested at the time of study under the stated environmental condition.

ATR is approved by the Food & Drug Administration, Maharashtra State, Pune, through License No. 37-PD/TL/7.


Dr. K. G. Apte
Test Facility Management.


Ms. Shriya Shende
Study Director.

S.N. 33/21



हाफकिन प्रशिक्षण, संशोधन व चाचणी संस्था

महाराष्ट्र शासन अनुदानित सोसायटीज रजिस्ट्रेशन अँक्ट १८६० अधिनियमान्वये नोंदणी कृत स्वायत्त संस्था
भारत सरकार, विज्ञान व प्रौद्योगिक मंत्रालय, मान्यताप्राप्त "वैज्ञानिक आणि औद्योगिक संशोधन संस्था"

Haffkine Institute for Training, Research & Testing

An Autonomous Grant in aid Institute of Govt. of Maharashtra Registered under Societies Registration Act 1860
Recognised as "Scientific & Industrial Research Organisation" (SIRO) by Govt. of India, Ministry of Science & Technology.



05 OCT 2021

HITRT/BYR/ 2285

1.

Report on *In vitro* Antibacterial & Antifungal efficacy testing of sample labeled as "CLONON", submitted by M/s. DIMPLE CHEMICALS & SERVICES PVT LTD. GAT.NO.281, VILLAGE- GHOTAWADE, HINJEWADI-PIRANGUT ROAD, TALUKA- MULSHI, PUNE 41208, Vide your letter dated: 16.08.2021. The sample was received on 03-09-2021, whereas, the testing charges were received on 06-09-2021.

Sample labeled as: "CLONON"

Compositions: Benzalkonium chloride - 0.5-2.0%
Gluteraldehyde - 0.5-2.0%
DM Water - QS to 100%

Batch No. : 020/021-404.

Manufacturing date: 09/20220

Expiry date: 08/2023

Concentration: As it is.

Test Method: The test is based on following EN standards:
EN 1040 (1997)-phase 1, EN 1656 (1999)-phase 2, EN 1275 (1997) - Phase 1 and EN1657 (1999)-phase 2. (Ref: Seymour S. Block- "Disinfection, Preservation and sterilization" IV & V Edition, publisher: Lippincott, Williams & Wilkins, 2000 to 2005). EN 14561 (2002), EN 14562 (2002), EN 14563 (2002), EN 12353 (2005) and EN 13727 (2007).

Contd. On page no. 2.

पत्ता : आचार्य दोंडे मार्ग, परळ, मुंबई - ४०० ०१२. दूरध्वनी क्र. ०२२-२४१६०९४७, २४१६०९६१, २४१६०९६२, फॅक्स - ०२२-२४१६१७८७

Address : Acharya Donde Marg, Parel, Mumbai - 400 012. Tel: 022 - 24160947, 24160961, 24160962. Fax : 022 - 24161787

email : haffkineinstitute@gmail.com, info@haffkineinstitute.org, website: www.haffkineinstitute.org



हाफकिन प्रशिक्षण, संशोधन व चाचणी संस्था

महाराष्ट्र शासन अनुदानित सोसायटीज रजिस्ट्रेशन अँक्ट १९६० अधिनियमान्वये नोंदणी कृत स्वायत्त संस्था
भारत सरकार, विज्ञान व प्रौद्योगिक मंत्रालय, मान्यताप्राप्त "वैज्ञानिक आणि औद्योगिक संशोधन संस्था"

Haffkine Institute for Training, Research & Testing

An Autonomous Grant in aid Institute of Govt. of Maharashtra Registered under Societies Registration Act 1860

Recognised as "Scientific & Industrial Research Organisation" (SIRO) by Govt. of India, Ministry of Science & Technology



HITRT/BYR/2285

05 OCT 2021
2.

Number of control counts and the number of the sample treated counts i.e. colony forming unit (CFU), mentioned in the following table are the average of the duplicate experiment carried out for the above mentioned sample.

Result and observation: (For Killing Contact Time of 30 sec.)

| Sr No | Test Organism | Killing contact time (sec) | Initial Control counts (CFU)* | Recovery of organism after the killing / inactivation contact time by "CLONON" in undiluted form | Percentage killed/ inactivated after the killing/ Inactivation contact time |
|-------|---|----------------------------|-------------------------------|--|---|
| 1 | <i>Escherichia coli</i> (ATCC-10148) | 30 | 1.04×10^7 | 1×10^1 | 99.999% |
| 2 | <i>Escherichia coli</i> (ATCC-25922) | 30 | 1.17×10^8 | 1×10^1 | 99.999% |
| 3 | <i>Klebsiella pneumoniae</i> (Clinical isolate) | 30 | 6.90×10^7 | 1×10^1 | 99.999% |
| 4 | <i>Klebsiella pneumoniae</i> (ATCC-700603) | 30 | 6.60×10^7 | 1×10^1 | 99.999% |
| 5 | <i>Klebsiella aerogens</i> (Clinical isolate) | 30 | 1.11×10^8 | 1×10^1 | 99.999% |
| 6 | Methicillin Resistant <i>Staphylococcus aureus</i> (ATCC-25923) | 30 | 7.40×10^7 | 1×10^1 | 99.999% |
| 7 | <i>Staphylococcus aureus</i> (ATCC-6538) | 30 | 8.40×10^7 | 1×10^1 | 99.999% |
| 8 | <i>Staphylococcus aureus</i> (ATCC-3750) | 30 | 7.6×10^7 | 1×10^1 | 99.999% |
| 9 | <i>Salmonella typhi</i> (NCTC-786) | 30 | 6.4×10^7 | 4.4×10^3 | 99.993% |
| 10 | <i>Shigella flexneri</i> (Clinical isolate) | 30 | 6.8×10^7 | 2.8×10^3 | 99.996% |
| 11 | <i>Salmonella enterica</i> (NCIM-5256) | 30 | 1.14×10^8 | 1×10^1 | 99.999% |

Contd. On page no 3.



हाफकिन प्रशिक्षण, संशोधन व चाचणी संस्था

महाराष्ट्र शासन अनुदानित सोसायटीज रजिस्ट्रेशन अक्ट १९६० अधिनियमान्वये नोंदणी कृत स्वायत्त संस्था
भारत सरकार, विज्ञान व प्रौद्योगिक मंत्रालय, मान्यताप्राप्त "वैज्ञानिक आणि औद्योगिक संशोधन संस्था"

Haffkine Institute for Training, Research & Testing

An Autonomous Grant In aid Institute of Govt. of Maharashtra Registered under Societies Registration Act 1860
Recognised as "Scientific & Industrial Research Organisation" (SIRO) by Govt. of India, Ministry of Science & Technology.



05 OCT 2021

HITRT/BYR/ 2085

3.

Result and observation: (For Killing Contact Time of 30 sec.)

| Sr No | Test Organism | Killing contact time (sec) | Initial Control counts (CFU)* | Recovery of organism after the killing / inactivation contact time by "CLONON" in undiluted form | Percentage killed/ inactivated after the killing/ Inactivation contact time |
|-------|--|----------------------------|-------------------------------|--|---|
| 12 | <i>Proteus mirabilis</i> (Clinical isolate) | 30 | 9.2×10^7 | 3.2×10^2 | 99.999% |
| 13 | <i>Proteus vulgaris</i> (Clinical isolate) | 30 | 9.4×10^7 | 4.6×10^3 | 99.995% |
| 14 | <i>Enterococcus faecalis</i> (ATCC-29212) | 30 | 9.0×10^6 | 1×10^1 | 99.999% |
| 15 | <i>Pseudomonas aeruginosa</i> (Fisher's Immunotype IV) | 30 | 4.40×10^6 | 1×10^1 | 99.999% |
| 16 | <i>Pseudomonas aeruginosa</i> (Clinical isolate) | 30 | 6.25×10^6 | 1×10^1 | 99.999% |
| 17 | <i>Sarcina lutea</i> (Environmental isolate) | 30 | 4.2×10^6 | 1.2×10^2 | 99.997% |
| 18 | <i>Sarcina lutea</i> (NCTC-2470) | 30 | 3.3×10^7 | 1×10^1 | 99.999% |
| 19 | <i>Bacillus subtilis</i> (ATCC-9372) | 30 | 6.1×10^6 | 1.3×10^2 | 99.998% |
| 20 | <i>Bacillus cereus</i> (ATCC-11778) | 30 | 1.9×10^6 | 2.2×10^2 | 99.988% |
| 21 | <i>Candida albicans</i> (ATCC-10231) | 30 | 2.7×10^6 | 1×10^1 | 99.999% |
| 22 | <i>Aspergillus niger</i> (ATCC-16404) | 30 | 2.1×10^6 | 1.8×10^2 | 99.991% |

*Colony Forming Unit

Contd. On page no 4.

पत्ता : आचार्य दोंडे मार्ग, परळ, मुंबई - ४०० ०१२. दूरध्वनी क्र. ०२२-२४१६०९४७, २४१६०९६१, २४१६०९६२, फॅक्स - ०२२-२४१६१७८७

Address : Acharya Donde Marg, Parel, Mumbai - 400 012. Tel: 022 - 24160947, 24160961, 24160962. Fax : 022 - 24161787

email : haffkineinstitute@gmail.com, info@haffkineinstitute.org, website: www.haffkineinstitute.org

S.M. 33/18

CERTIFICATE OF COMPLIANCE



INTERNATIONAL CERTIFICATION SERVICES PVT. LTD.

This is to certify that the
QUALITY MANAGEMENT SYSTEM of
DIMPLE CHEMICALS & SERVICES PVT. LTD.
Gat No.281 , Village Ghotawade , Hinjewadi – Pirangut Road, Tal – Mulshi, Dist –
Pune – 412115, Maharashtra, India.

has been assessed and registered as complying with the requirements of the following International Standard:

ISO 9001:2015

The Quality Management System applicable to:

Scope : Manufacture And Supply Of Performance Chemicals For Perfumary, Soaps, Shampoos, Detergents, Rust Preventives, Textile, Leather, Paint, Agro, Pesticides, Herbicides, Construction And Foundries.

| | |
|-------------------|------------------------------------|
| Registration No. | : RQ91/7510 |
| Registered Date | : 22 nd April, 2009 |
| Reassessment Date | : 30 th September, 2023 |
| Issue Date | : 04 th October, 2023 |
| Expiry Date | : 14 th September, 2026 |



QMS 009





Managing Director

International Certification Services Pvt. Ltd.

Accredited by National Accreditation Board For Certification Bodies, India.

Validity of this certificate is based on periodic audits of the management system defined by the above scope and is contingent upon prompt, written notification of significant changes to the management system and/or its components thereof shall be immediately communicated to ICS.

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2015 requirements may be obtained at www.icsasian.com/ www.icspl.org

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 020 - 25811627
Fax: 020 -25811029
Website: <http://mpcb.gov.in>
Email: ropune@mpcb.gov.in



Jog Center, 3rd floor,
Mumbai Pune Road,
Wakdevadi, Pune - 411003.

RED/S.S.I (R22)
No:- Format1.0/RO/UAN
No.0000134091/CR/2209000588

Date: 12/09/2022

To,
M/s. DIMPLE CHEMICALS AND SERVICES PRIVATE
LIMITED
GAT NO 281,VILLAGE - GHOTAWADE
TAL. MULSHI, DIST. PUNE



Your Service is Our Duty

Sub: Application for grant of renewal of consent to operate.

Ref:

1. Your application for grant of Consent to Operate (UAN No. MPCB-CONSENT-0000134091)
2. Board's previous granted consent to operate vide No.RO-PUNE/CONSENT/1711000300 dtd. 8.11.2017

Your application No.MPCB-CONSENT-0000134091 Dated 12.03.2022

For: Grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 30/04/2025**
2. **The capital investment of the project is Rs.7.69 Crs. (As per C.A Certificate submitted by industry)**
3. **Consent is valid for the manufacture of:**

| Sr No | Product | Existing Quantity | Proposed Quantity | Total | UOM |
|----------|-----------------------|-------------------|-------------------|-------|------|
| Products | | | | | |
| 1 | Ethoxylates | 835 | 0 | 835 | MT/M |
| 2 | Esters | 25 | 0 | 25 | MT/M |
| 3 | Amides | 10 | 0 | 10 | MT/M |
| 4 | Sulphosuccinates | 20 | 0 | 20 | MT/M |
| 5 | Sulphonates | 10 | 0 | 10 | MT/M |
| 6 | Performance Chemicals | 665 | 0 | 665 | MT/M |

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

| Sr No | Description | Permitted (in CMD) | Standards to | Disposal Path |
|-------|-------------------|--------------------|-------------------|-----------------------------|
| 1. | Trade effluent | 2.5 | As per Schedule-I | Recycle 100% to achieve ZLD |
| 2. | Domestic effluent | 0.4 | As per Schedule-I | Soaked in soak pit |

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

| Sr No. | Stack No. | Description of stack / source | Number of Stack | Standards to be achieved |
|--------|-----------|-------------------------------|-----------------|--------------------------|
| 1 | 1 | Thermopack | 1 | As per Schedule -II |
| 2 | 2 | DG Set 63 KVA | 1 | As per Schedule -II |
| 3 | 3 | DG Set 25 KVA. | 1 | As per Schedule -II |
| 4 | 4 | DG Set 63 KVS | 1 | As per Schedule -II |

6. **Non-Hazardous Wastes:**

| Sr No | Type of Waste | Quantity | UoM | Treatment | Disposal |
|-------|---------------|----------|-----|-----------|----------|
| NA | | | | | |

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

| Sr No | Category No./ Type | Quantity | UoM | Treatment | Disposal |
|-------|---|----------|------|-----------|----------|
| 1 | 35.3 Chemical sludge from waste water treatment | 1 | MT/A | NA | CHWTSDF |
| 2 | 20.3 Distillation residues | 25 | Kg/M | NA | CHWTSDF |
| 3 | 29.5 Spent catalysts | 600 | Kg/M | NA | CHWTSDF |

- The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- The applicant shall not carry out any products/ activities which attract prior Environmental Clearance as per Notification 14.09.2006 and amended thereof.
- The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)
- The applicant shall not use plastic and plastic packaging material, which are banned as per the provision of Maharashtra Plastic & Thermocol Products (Manufacture, Usage, Sale, Transport, and Handling & Storage) Notification 2018 and further amendments.
- The applicant shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH), in case of store /handle/ process the Hazardous Chemicals.



Shankar L. Waghmare

6e72445f
044e110f
f87dc8ef
bfe6d46d
b8998f4d
67269437
8387851d
0d7b884c

Signed by: Shankar L. Waghmare
Regional Officer
For and on behalf of,
Maharashtra Pollution Control Board
ropune@mpcb.gov.in
2022-09-12 20:38:19 IST

Received Consent fee of -

S.M. 3315

| Sr.No | Amount(Rs.) | Transaction/DR.No. | Date | Transaction Type |
|-------|-------------|--------------------|------------|------------------|
| 1 | 125000.00 | TXN2203002693 | 22/03/2022 | Online Payment |

Out of above fees. Rs.75000/- is consumed for this application and remaining fees of Rs. 50000/- will be considered at the time of next renewal of consent

Copy to:

1. Sub-Regional Officer, MPCB, Pune I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. Sub Regional Officer, Pune II: you are hereby directed to verify the compliance of consent conditions and submit report accordingly.

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have segregated trade effluent into weak stream & strong stream and provided Effluent Treatment Plant (ETP) comprising of:
i) Strong COD/TDS stream of CMD - Treatment system comprising of Primary (Primary after stmt).
ii) Weak COD/TDS stream of CMD - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Primary Clarifier/Primary Settling Tank), Secondary (Bio Reactor, polishing), Sludge treatment (Sludge drying bed) with design capacity of 5.0 CMD.
B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent and recycle the entire treated effluent into the process for various purposes such as for cooling, process & Scrubbing with metering system so as to achieve Zero Liquid Discharge. There shall be no discharge on land or outside factory premises.
2. A] As per your application, you have provided Septic Tank followed by Soak pit for the treatment of 0.4 CMD of sewage.
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

| Sr.No | Parameters | Standards (mg/l) | |
|-------|------------------|------------------|-----|
| 1 | Suspended Solids | Not to exceed | 50 |
| 2 | BOD 3 days 27°C | Not to exceed | 30 |
| 3 | COD | Not to exceed | 100 |

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

- S.M. 33/4
- The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
 - The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

| Sr. No. | Purpose for water consumed | Water consumption quantity (CMD) |
|---------|--|----------------------------------|
| 1. | Industrial Cooling, spraying in mine pits or boiler feed | 2.00 |
| 2. | Domestic purpose | 1.50 |
| 3. | Processing whereby water gets polluted & pollutants are easily biodegradable | 66.50 |
| 4. | Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic | 0.00 |
| 5. | Gardening | 0 |

- The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

- As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

| Stack No. | Source | APC System provided/proposed | Stack Height(in mtr) | Type of Fuel | Sulphur Content(in %) | Pollutant | Standard |
|-----------|---------------|------------------------------|----------------------|------------------|-----------------------|-----------|------------------------|
| 1 | Thermopack | Stack | 15.00 | LDO 22.80 Kg/Hr | - | SO2 | 19.69 Kg/Day |
| | | | | | | TPM | 150 Mg/Nm ³ |
| 2 | DG Set 63 kVA | Acoustic Enclosure Stack | 4.50 | Diesel 7 -- NA-- | - | SO2 | 1.68 Kg/Day |
| | | | | | | TPM | 150 Mg/Nm ³ |
| 3 | DG Set 25 KVA | Acoustic Enclosure Stack | 2.00 | Diesel 7 Kg/Hr | - | SO2 | 1.68 Kg/Day |
| | | | | | | TPM | 150 Mg/Nm ³ |
| 4 | DG Set 63 KVA | Acoustic Enclosure Stack | 4.50 | Diesel 7 Kg/Hr | - | SO2 | 1.68 Kg/Day |
| | | | | | | TPM | 150 Mg/Nm ³ |

Industry shall provide necessary scrubber system to the pertinent section. Acid Mist- Not to exceed -30 mg/ Nm³

- The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.

- S.M. 33/13
- The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
 - The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

| Sr. No | Consent (C2E/C2O/C2R) | Amt of BG Imposed | Submission Period | Purpose of BG | Compliance Period | Validity Date |
|--------|-----------------------|-------------------|-------------------|----------------------------------|-------------------|---------------|
| 1 | Consent to operate | Rs. 1.0 Lakh | 15 days | compliance of consent conditions | continuous | 31.07.2025 |

The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days from the date of issue of Consent.

BG Forfeiture History

| Srno. | Consent (C2E/C2O/C2R) | Amount of BG imposed | Submission Period | Purpose of BG | Amount of BG Forfeiture | Reason of BG Forfeiture |
|-------|-----------------------|----------------------|-------------------|---------------|-------------------------|-------------------------|
| NA | | | | | | |

BG Return details

| Srno. | Consent (C2E/C2O/C2R) | BG imposed | Purpose of BG | Amount of BG Returned |
|-------|-----------------------|------------|---------------|-----------------------|
| NA | | | | |

SCHEDULE-IV

General Conditions:

- The Energy source for lighting purpose shall preferably be LED based
- The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant

3. Conditions for D.G. Set

- 5.11. 33/12
- a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.

4. The applicant shall maintain good housekeeping;

- 5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
- 9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
- 11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
- 12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 13. The PP shall provide personal protection equipment as per norms of Factory Act 1948
- 14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.

S.N. 33/11

15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has, to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.

S.M.33/10

30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

This certificate is digitally & electronically signed.

MATERIAL SAFETY DATA SHEET (MSDS)



S.M.33/9

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: **CLONON CONCENTRATE**

Manufacturer: **DIMPLE CHEMICALS & SERVICES PVT. LTD.**

Gat No. 281, Village – Ghotawade, Taluka – Mulshi, Dist.– Pune – 412 115.

☎ : +918888855400

Email: sales@dimplechem.com;

Visit us at www.dimplechem.com

2. PRODUCT INFORMATION:

Harmonized Commodities Code: 34029099

PRODUCT USE: ODOUR REMOVER

3. HAZARDS IDENTIFICATION

Emergency overview:

warnings: for external use only.

Do not use: in the eyes or over large areas of the body.

Ask a doctor before use if you have deep wound or puncture wound, animal bites or serious burns.

Stop use & ask a doctor if irritation, sensitization or allergic reaction occurs. These may be signs of a serious condition.

Stop use & ask a doctor if the condition gets worse or lasts more than one week.

Keep out of reach of children.

POTENTIAL SHORT TERM HEALTH EFFECTS

Routes of exposure:

Eye, skin contact, inhalation, ingestion.

Eyes:

May cause eye irritation. Avoid contact with eyes.

Skin:

Skin irritant. Do not use undiluted on skin.

Inhalation:

None expected.

Ingestion:

For external use only.

Target organs:

Eyes. Respiratory system, skin.

Chronic effects:

The finished product is not expected to have chronic health

Signs & symptoms:

Eye irritation

4. FIRST AID MEASURES

Eye contact:

immediately flush eyes with large amounts of water for 15 minutes holding eyelids open. Get medical attention immediately.

Skin contact:

remove contaminated clothing. Flush affected areas with large quantities of water seek medical attention if irritation persists.

Ingestion:

drink 3-4 glasses of water. Do not induce vomiting get medical attention immediately.

General advice:

if you feel UN well, seek medical advice. Keep out of reach of children.

5. FIRE FIGHTING MEASURES

Product is non-combustible.

Flash point:

not flammable

Auto ignition temperature: not established.

Factory: Gat No. 281, Village: Ghotawade,
Hinjewadi-Pirangut Road, Taluka: Mulshi, District:
Pune 412108. (Maharashtra) India.

☎ +91-20-25171849 / 8888855400

☎ +91-20-25171848

✉ sales@dimplechem.com



DIMPLE[®]
CHEMICALS & SERVICES PVT. LTD.

Visit us at www.dimplechem.com

CIN: 24119PN2008PTC133208

S.M. 33/8



Extinguishing media

Use extinguishing media appropriate for surrounding fire.

| | |
|----------------|-----|
| water spray | ok |
| carbon dioxide | no |
| foam | no |
| dry chemical | ok |
| halon | no |
| other | n/a |

Special fire fighting procedures:

Self contained breathing apparatus & protective clothing should be worn when fighting chemical fires. Use water spray to keep fire exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES.

Personal precautions:

Do not get in eyes. Do not take internally. Avoid skin contact. Prevent prolonged or repeated breathing of vapor or spray mists. Keep unnecessary people away. Floor may be slippery, use care to avoid falling. Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Environmental precautions:

Keep spills & cleaning run-offs out of municipal sewers & open bodies of water.

7. HANDLING & STORAGE.

Keep closure tight & containers upright to prevent leakage.

Keep away from heat, open flames or other sources of ignition.

Product is non-combustible.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

Use only with adequate ventilation.

Work Hygienic Practices: Avoid contact with skin. Do not get in eyes. Do not take internally. Avoid breathing vapors or spray mists.

Ventilation: Use in well-ventilated areas.

Respiratory Protection: No special requirements. Avoid breathing mists.

Eye Protection: Chemical goggles recommended when spraying diluted product.

9. PHYSICAL DATA:

| Test | Specification |
|--------------------------|----------------|
| APPEARANCE | — |
| PHYSICAL STATE | LIQUID |
| CLARITY | CLEAR |
| ODOUR | CHARACTERISTIC |
| COLOUR | YELLOWISH |
| PH by PH Meter | BELOW 5 |
| REFRACTIVE INDEX AT 30°C | 1.35 ± 0.02 |
| SPECIFIC GRAVITY AT 30°C | 1.0 ± 0.02 |

Factory: Gat No. 281, Village: Ghotawade,
Hinjewadi-Pirangut Road, Taluka: Mulshi, District:
Pune 412108. (Maharashtra) India.
☎ +91-20-25171849 / 8888855400
☎ +91-20-25171848
✉ sales@dimplechem.com



DIMPLE[®]
CHEMICALS & SERVICES PVT. LTD.

Visit us at www.dimplechem.com

CIN: 24119PN2008PTC133208

S.M.33/7



10. TOXICOLOGICAL INFORMATION

| | |
|--------------------|--|
| HEALTH EFFECTS | : Irritation to eyes & skin (rabbits) sensitization by skin contact. |
| SKIN CONTACT | : NON TOXIC |
| SKIN ABSORPTION | : Data NA |
| EYE CONTACT | : Data NA |
| INHALATION ACUTE | : Data NA |
| INGESTION | : Data NA |
| INHALATION CHRONIC | : UNLIKELY |

EFFECT OF ACTUE EXPOSURE TO MATERIAL

| | |
|--------------|--|
| SKIN CONTACT | : NON TOXIC |
| EYE CONTACT | : May cause eye irritation |
| INGESTION | : Unlikely to be harmful if swallowed. |

11. ECOLOGICAL INFORMATION

Toxic: for fish.

General Notes: Water Hazard class 2 (Assessment by list): Hazard for water

Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish & plankton in water bodies.

12. DISPOSAL CONSIDERATIONS

Disposal Instructions

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

13. TRANSPORT INFORMAT

NOT CLASSIFIED AS DANGEROUS IN RID/ADR- ADN- IMDG- ICAO/IATA-DGR

14. REGULATORY INFORMATION

EEC CLASIFICATION: NOT CLASSIFIED

HAZARD SYMBOL: NONE REQUIRED

RISK PHRASES: NONE REQUIRED

SAFETY PHRASES: IN CASE OF CONTACT WITH EYE, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL HELP

15. ABBREVIATIONS

| | |
|---------|------------------------------|
| MSDS | : Material safety Data Sheet |
| NA | : Not applicable, |
| NC. | : Not classified; |
| ND | : Not determined; |
| HS CODE | : Harmonized Commodity Code. |

16. DISCLAIMER

INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS BELIEVED TO BE RELIABLE BUT NO REPRESENTATION, GUARANTEE OR WARRANTIES OF ANY KIND AS TO ITS ACCURACY, SUITABILITY FOR A PARTICULAR APPLICATION OR RESULTS TO BE OBTAINED FROM THEM. IT IS UPTO THE USER/ DISTRIBUTOR TO ENSURE THAT THE INFORMATION CONTAINED IN THE MATERIAL SAFETY DATA SHEET IS RELEVANT TO THE PRODUCT MANUFACTURED/ HANDELED OR SOLD BY HIM AS THE CASE MAY BE. DIMPLE CHEMICALS & SERVICES MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, IN RESPECT OF THE ADEQUENCY OF THIS DOCUMENT FOR ANY PARTICULAR PURPOSE.

Factory: Gat No. 281, Village: Ghotawade,
Hinjewadi-Pirangut Road, Taluka: Mulshi, District:
Pune 412108. (Maharashtra) India.
☎ +91-20-25171849 / 8888855400
☎ +91-20-25171848
✉ sales@dimplechem.com



DIMPLE®
CHEMICALS & SERVICES PVT. LTD.

Visit us at www.dimplechem.com

CIN: 24119PN2008PTC133208



S.M. 33/L

(Amended)

Government of India
Form GST REG-06

[See Rule 10(1)]

Registration Certificate

Registration Number :27AADCD0413G1Z7

| | | | | | |
|--|--|--|------------|---|----|
| 1. | Legal Name | DIMPLE CHEMICALS & SERVICES PRIVATE LIMITED | | | |
| 2. | Trade Name, if any | DIMPLE CHEMICALS AND SERVICES PRIVATE LIMITED | | | |
| 3. | Constitution of Business | Private Limited Company | | | |
| 4. | Address of Principal Place of Business | GAT NO. 281, HINJEWADI PIRANGUT ROAD, GHOTAWADE, TALUKA - MULSHHI, Pune, Maharashtra, 412115 | | | |
| 5. | Date of Liability | 01/07/2017 | | | |
| 6. | Date of Validity | From | 01/07/2017 | To | NA |
| 7. | Type of Registration | Regular | |  | |
| 8. | Particulars of Approving Authority | | | | |
| Signature | | | | | |
| Name | | | | | |
| Designation | | | | | |
| Jurisdictional Office | | | | | |
| 9. | Date of issue of Certificate | 28/03/2019 | | | |
| Note: The registration certificate is required to be prominently displayed at all places of Business/Office(s) in the State. | | | | | |



सत्यमेव जयते

S.M. 33/S.

Annexure A

Details of Additional Place of Business(s)

| | |
|--------------------|---|
| GSTIN | 27AADCD0413G1Z7 |
| Legal Name | DIMPLE CHEMICALS & SERVICES PRIVATE LIMITED |
| Trade Name, if any | DIMPLE CHEMICALS AND SERVICES PRIVATE LIMITED |

Total Number of Additional Places of Business(s) in the State . 0



S.M. 33/4

Annexure B

GSTIN 27AADCD0413G1Z7
Legal Name DIMPLE CHEMICALS & SERVICES PRIVATE LIMITED
Trade Name, if any DIMPLE CHEMICALS AND SERVICES PRIVATE LIMITED

Details of Managing / Whole-time Directors and Key Managerial Persons

| | | | |
|---|--|--------------------|-----------------------|
| 1 |  | Name | ANIL CHINTAMAN KELKAR |
| | | Designation/Status | MANAGING DIRECTOR |
| | | Resident of State | Maharashtra |
| 2 |  | Name | NIKHIL ANIL KELKAR |
| | | Designation/Status | DIRECTOR |
| | | Resident of State | Maharashtra |
| 3 |  | Name | ANJALI ANIL KELKAR |
| | | Designation/Status | DIRECTOR |
| | | Resident of State | Maharashtra |



हाफकिन प्रशिक्षण, संशोधन व चाचणी संस्था

महाराष्ट्र शासन अनुदानित सोसायटीज रजिस्ट्रेशन अक्ट १९६० अधिनियमान्वये नोंदणी कृत स्वायत्त संस्था
भारत सरकार, विज्ञान व प्रौद्योगिक मंत्रालय, मान्यताप्राप्त "वैज्ञानिक आणि औद्योगिक संशोधन संस्था"

Haffkine Institute for Training, Research & Testing

An Autonomous Grant in aid Institute of Govt. of Maharashtra Registered under Societies Registration Act 1860
Recognised as "Scientific & Industrial Research Organisation" (SIRO) by Govt. of India, Ministry of Science & Technology.



05 OCT 2021

HITRT/BYR/2285

1.

Report on *In vitro* Antibacterial & Antifungal efficacy testing of sample labeled as "CLONON", submitted by M/s. DIMPLE CHEMICALS & SERVICES PVT LTD. GAT.NO.281, VILLAGE- GHOTAWADE, HINJEWADI-PIRANGUT ROAD, TALUKA- MULSHI, PUNE 41208, Vide your letter dated: 16.08.2021. The sample was received on 03-09-2021, whereas, the testing charges were received on 06-09-2021.

Sample labeled as: "CLONON"

Compositions: Benzalkonium chloride - 0.5-2.0%
Gluteraldehyde - 0.5-2.0%
DM Water - QS to 100%

Batch No. : 020/021-404.

Manufacturing date: 09/20220

Expiry date: 08/2023

Concentration: As it is.

Test Method: The test is based on following EN standards:
EN 1040 (1997)-phase 1, EN 1656 (1999)-phase 2, EN 1275 (1997) -
Phase 1 and EN1657 (1999)-phase 2. (Ref: Seymour S. Block-
"Disinfection, Preservation and sterilization" IV & V Edition, publisher:
Lippincott, Williams & Wilkins, 2000 to 2005). EN 14561 (2002), EN
14562 (2002), EN 14563 (2002), EN 12353 (2005) and EN 13727
(2007).

Contd. On page no. 2.

पत्ता : आचार्य दोंडे मार्ग, परळ, मुंबई - ४०० ०१२. दूरध्वनी क्र. ०२२-२४१६०९४७, २४१६०९६१, २४१६०९६२, फॅक्स - ०२२-२४१६१७८७

Address : Acharya Donde Marg, Parel, Mumbai - 400 012. Tel: 022 - 24160947, 24160961, 24160962. Fax : 022 - 24161787

email : haffkineinstitute@gmail.com, info@haffkineinstitute.org, website: www.haffkineinstitute.org



हाफकिन प्रशिक्षण, संशोधन व चाचणी संस्था

महाराष्ट्र शासन अनुदानित सोसायटीज् रजिस्ट्रेशन अँक्ट १८६० अधिनियमान्वये नोंदणी कृत स्वायत्त संस्था
भारत सरकार, विज्ञान व प्रौद्योगिक मंत्रालय, मान्यताप्राप्त "वैज्ञानिक आणि औद्योगिक संशोधन संस्था"

Haffkine Institute for Training, Research & Testing

An Autonomous Grant in aid Institute of Govt. of Maharashtra Registered under Societies Registration Act 1860
Recognised as "Scientific & Industrial Research Organisation" (SIRO) by Govt. of India, Ministry of Science & Technology.



HITRT/BYR/2285

05 OCT 2021
2.

Number of control counts and the number of the sample treated counts i.e. colony forming unit (CFU), mentioned in the following table are the average of the duplicate experiment carried out for the above mentioned sample.

Result and observation: (For Killing Contact Time of 30 sec.)

| Sr No. | Test Organism | Killing contact time (sec) | Initial Control counts (CFU)* | Recovery of organism after the killing / inactivation contact time by "CLONON" in undiluted form | Percentage killed/ inactivated after the killing/ Inactivation contact time |
|--------|---|----------------------------|-------------------------------|--|---|
| 1 | <i>Escherichia coli</i> (ATCC-10148) | 30 | 1.04×10^7 | 1×10^1 | 99.999% |
| 2 | <i>Escherichia coli</i> (ATCC-25922) | 30 | 1.17×10^8 | 1×10^1 | 99.999% |
| 3 | <i>Klebsiella pneumoniae</i> (Clinical isolate) | 30 | 6.90×10^7 | 1×10^1 | 99.999% |
| 4 | <i>Klebsiella pneumoniae</i> (ATCC-700603) | 30 | 6.60×10^7 | 1×10^1 | 99.999% |
| 5 | <i>Klebsiella aerogens</i> (Clinical isolate) | 30 | 1.11×10^8 | 1×10^1 | 99.999% |
| 6 | Methicillin Resistant <i>Staphylococcus aureus</i> (ATCC-25923) | 30 | 7.40×10^7 | 1×10^1 | 99.999% |
| 7 | <i>Staphylococcus aureus</i> (ATCC-6538) | 30 | 8.40×10^7 | 1×10^1 | 99.999% |
| 8 | <i>Staphylococcus aureus</i> (ATCC-3750) | 30 | 7.6×10^7 | 1×10^1 | 99.999% |
| 9 | <i>Salmonella typhi</i> (NCTC-786) | 30 | 6.4×10^7 | 4.4×10^3 | 99.993% |
| 10 | <i>Shigella flexneri</i> (Clinical isolate) | 30 | 6.8×10^7 | 2.8×10^3 | 99.996% |
| 11 | <i>Salmonella enterica</i> (NCIM-5256) | 30 | 1.14×10^6 | 1×10^1 | 99.999% |

Contd. On page no 3.



हाफकिन प्रशिक्षण, संशोधन व चाचणी संस्था

महाराष्ट्र शासन अनुदानित सोसायटीज् रजिस्ट्रेशन अँक्ट १९६० अधिनियमान्वये नोंदणी कृत स्वायत्त संस्था
भारत सरकार, विज्ञान व प्रौद्योगिक मंत्रालय, मान्यताप्राप्त "वैज्ञानिक आणि औद्योगिक संशोधन संस्था"

Haffkine Institute for Training, Research & Testing

An Autonomous Grant in aid Institute of Govt. of Maharashtra Registered under Societies Registration Act 1880
Recognised as "Scientific & Industrial Research Organisation" (SIRO) by Govt. of India, Ministry of Science & Technology.



05 OCT 2021

HITRT/BYR/ 2285

3.

Result and observation: (For Killing Contact Time of 30 sec.)

| Sr No. | Test Organism | Killing contact time (sec) | Initial Control counts (CFU)* | Recovery of organism after the killing / inactivation contact time by "CLONON" in undiluted form | Percentage killed/ inactivated after the killing/ Inactivation contact time |
|--------|--|----------------------------|-------------------------------|--|---|
| 12 | <i>Proteus mirabilis</i> (Clinical isolate) | 30 | 9.2×10^7 | 3.2×10^2 | 99.999% |
| 13 | <i>Proteus vulgaris</i> (Clinical isolate) | 30 | 9.4×10^7 | 4.6×10^3 | 99.995% |
| 14 | <i>Enterococcus faecalis</i> (ATCC-29212) | 30 | 9.0×10^8 | 1×10^1 | 99.999% |
| 15 | <i>Pseudomonas aeruginosa</i> (Fisher's Immunotype IV) | 30 | 4.40×10^6 | 1×10^1 | 99.999% |
| 16 | <i>Pseudomonas aeruginosa</i> (Clinical isolate) | 30 | 6.25×10^6 | 1×10^1 | 99.999% |
| 17 | <i>Sarcina lutea</i> (Environmental isolate) | 30 | 4.2×10^8 | 1.2×10^2 | 99.997% |
| 18 | <i>Sarcina lutea</i> (NCTC-2470) | 30 | 3.3×10^7 | 1×10^1 | 99.999% |
| 19 | <i>Bacillus subtilis</i> (ATCC-9372) | 30 | 6.1×10^6 | 1.3×10^2 | 99.998% |
| 20 | <i>Bacillus cereus</i> (ATCC-11778) | 30 | 1.9×10^6 | 2.2×10^2 | 99.988% |
| 21 | <i>Candida albicans</i> (ATCC-10231) | 30 | 2.7×10^6 | 1×10^1 | 99.999% |
| 22 | <i>Aspergillus niger</i> (ATCC-16404) | 30 | 2.1×10^6 | 1.8×10^2 | 99.991% |

*Colony Forming Unit

Contd. On page no 4.

पत्ता : आचार्य दोंडे मार्ग, परळ, मुंबई - ४०० ०१२. दूरध्वनी क्र. ०२२-२४१६०९४७, २४१६०९६१, २४१६०९६२, फॅक्स - ०२२-२४१६१७८७

Address : Acharya Donde Marg, Parel, Mumbai - 400 012. Tel: 022 - 24160947, 24160961, 24160962. Fax : 022 - 24161787

email : haffkineinstitute@gmail.com, info@haffkineinstitute.org, website: www.haffkineinstitute.org