

**Departments of Microbiology
MCGM Medical Colleges and Hospital, Mumbai**
Director | MEMH - 4109

Date: 04/11/2022

To,

Deputy Municipal Commissioner,
 Central Purchase Department,
 MCGM

Subject: Reply to proposal received from M/s. PROBAC regarding listing of DIS-INFECT ClO₂ - Chlorine Dioxide tablet
 In Schedule 5 in Central Purchase Department.

Reference: KEM/7090/42 Dt.: 04/01/2022

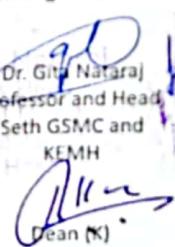
Sir,

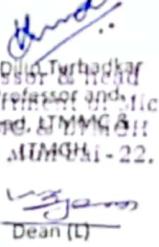
1. As per the company brochure from M/S PROBAC, the product DIS-INFECT ClO₂ - Chlorine Dioxide tablet, the tablets are available as (10gm x 2 pcs) 20 gm pack
2. As per the brochure, ClO₂ is an EPA approved disinfectant
3. The brochure mentions certificates and approvals that the company possesses, but no certificates are attached.
4. The in-use dilutions for various purposes have been provided with the brochure
 Hence, the product may be added to MCGM Schedule for surface disinfection in addition to currently recommended disinfectants on schedule.

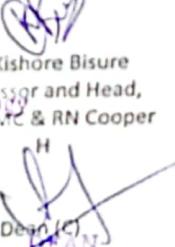
Submitting for your information.

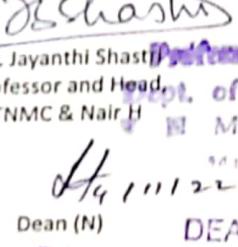
Thanking You,

Dr. Gita Nataraj
 Professor and Head
 Department of Microbiology
 Seth GS Medical College and
 KEM Hospital
 Parel, Mumbai - 400 012.


 Dean (K)

Dr. Girish Turhadkar
 Professor and Head
 Department of Microbiology
 LTMMC & NMCGH
 Parel, Mumbai - 22.

 Dean (D)

Dr. Kishore Bisure
 Professor and Head,
 HBTMMC & RN Cooper
 TNMC & Nair Hospital
 Parel, Mumbai - 22.

 Dean (C)

Dr. Jayanthi Shastri
 Professor and Head
 Department of Microbiology,
 TNMC & Nair Hospital
 Parel, Mumbai - 22.

 DEAN

H
 BYL NAIR CH. HOSPITAL
 Director (ME & MI)
 4/11/2022

संचालक (ये.शि.व प्र.र.)

Dean (L.T.M.G.H.)


 4/11/22

DEPARTMENT OF MICROBIOLOGY

SETH G.S MEDICAL COLLEGE AND K.E.M HOSPITAL

MRB/ /2023

Date: 04.05.2023

To,

AO (Stores),

Seth GSNC & KEMH.

Subject: Regarding Disinfect Chlorine Dioxide Tablet

Ref: DD / CPD/OD/493 dated 10.02.2023 and

Letter received from AO (K) dated 14.3.2023

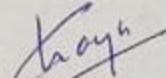
The required information is as follows.

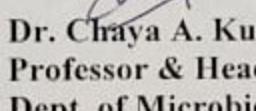
Sr. No	Information to be provided	Information
1	Detailed description of product	Attached (page 2)
2	Requirement (Quantity and Duration)	This is a new product. Requirement will need to be gathered from the user departments.
3	Pre-qualifying criteria and certification	<ol style="list-style-type: none">WHO-GMPTest Certificates of efficacy as a bactericidal, virucidal (especially SARS-CoV-2, Influenza virus, HIV, HBV , HCV and others) and fungicidal (for medically significant yeasts and molds) agent at the working concentration.Test certificate of safety of the product on exposure to skin and mucous membranes.Reference/s for the recommended in use concentration as a surface disinfectant.User satisfaction reports.
4	Unit and packaging with material code	<ul style="list-style-type: none">- Each pouch should contain a water dispersible and completely dissolvable tablet/s with the package being air tight, leak proof and easily tearable.- Each package should deliver 100 ppm , 200 ppm or 1200 ppm of ClO₂ (the active ingredient)
5	Estimated rate	Approximately Rs.. 30/ per litre of the working solution
6	Special conditions if any	Nil
7	Administrative approval necessary for ClO ₂ tablet tendering	As per BMC norms

Chlorine dioxide (ClO₂) Product Description

Function – Should be capable of providing effective surface disinfection when used and applied at the recommended concentration

1. Each gm of tablet should have atleast 12% active ClO₂ content.
2. Each tablet of 10 gms should produce a working concentration of 100 ppm / 200 ppm / 1200 ppm of the active ingredient, ClO₂ when dissolved in a defined quantity of water as recommended by the manufacturer.
3. The product should be effective over neutral – acidic pH
4. It should possess bactericidal, virucidal and fungicidal activity to achieve disinfection at the recommended working concentration.
5. It should be effective in reducing / eliminating foul odours.
6. The product should have a minimum shelf life of 18 months from the date of supply.
7. The tablet/s should be packed in a pouch which is air tight , leak proof and easily tearable.


Dr. Chaya A. Kumar
Professor & Head,
Dept. of Microbiology


Dr. Chaya A. Kumar
Prof. & Head
Department of Microbiology
Seth. G. S. Medical College &
K. E. M. Hospital,
Parel, Mumbai - 400 012