BEE PHARMO LABS PVT. LIMITED

WE UNDERTAKE....PHARMACEUTICALS / FOOD ANALYTICAL SERVICES

C-2, Hatkesh Udyog Nagar, Mira Bhayander Road, Mira Road (E), Dist. Thane - 401 107.
Tel. : 9029774868 to 9029774877 | **Website :** www.beepharmo.com
Email : info@beepharmo.com, beepharm@gmail.com, food@beepharmo.com
CIN : U73100MH1988PTC047818

FDA Maharashtra Approved
No.KD/Testing Licence/18/2010

CERTIFICATE NUMBER
D/22/1307/023

PARTY NAME & ADDRESS

SHEFA HEALTHCARE PVT. LTD.
A-10/1 MIDC TALOJA IND.AREA, TALOJA,
NAVI MUMBAI 410208

CERTIFICATE OF ANALYSIS

THE DRUGS AND COSMETICS ACT 1940 AND THE RULES THEREUNDER
FORM 39 [SEE RULE 150 - E(f)]
REPORT OF TEST OR ANALYSIS BY APPROVED INSTITUTION

1. Name of Manufacturer/Party from whom sample received together with his mfg. License No. under the Act & under the Rules made thereunder :
SHEFA HEALTHCARE PVT. LTD. **M. LIC. No**

2. Reference number and date of the letter from the manufacturer/party under which sample was forwarded : 11/07/2022	**Analysis Required :** ECOLI+PSEU+CANDIDA ALBICANS+ ASPERGILLUS BRASILIENSIS AS PER METHOD ASTM E2783-11 EFFICACY TEST

3. Date of Receipt of sample & quantity :	**4. Name of drug/cosmetic/raw material purporting to be contained in the sample :**
13/07/2022 1 X 200 ML Approximate	VIROSIL PHARMA Sample **NOT DRAWN** by Bee Pharmo Labs Pvt. Ltd.

5. Details of raw material/final product in bulk /final product (in finished pack) as obtained from manufacturer/party :

(a) Original manufacturer's name (in case of raw materials and drugs repacked) :	(b) Batch Number	(c) Batch size represented by sample	(d) Date of manufacture, if any	(e) Date of expiry, if any
	VPS20121	2000 LTRS.	09/2020	08/2022

PART ANALYSIS : OTHER TESTS NOT DONE, AS NOT REQUIRED BY THE PARTY.

The Sample's identity and particulars are as supplied by the party and not verified by us, except as mentioned specifically.

6. RESULTS OF TEST OR ANALYSIS WITH PROTOCOLS OF TEST OR ANALYSIS APPLIED :

AS PER ASTME 2783-11

1. Description : Clear, colourless liquid in plastic container having typed label on it.

2. Efficacy Test : The sample solution "Virosil Pharm" in its 5% diluted form tested by using ASTM E2783-11 sample showed 100% killing/inactivation of the bacterial species & 99.99% killing/inactivation of the fungal species in 15 min. contact time. Results are as follows :

Sr.No.	Test Organism	Initial control (CFU)	Recovery of organism after the killing/ inactivation contact time of 15 min by "Virosil Pharma"	Percentage killed/ inactivated after the killing/inactivation contact time of 15 min by "Virosil Pharma"
01	Escherichia coli ATCC 8739	31×10^8	Nil	100%
02	Pseudomonas aeruginosa ATCC 9027	36×10^7	Nil	100%
03	Candida albicans ATCC 10231	34×10^6	17×10^2	99.99%
04	Aspergillus brasiliensis ATCC 16404	25×10^6	12×10^2	99.99%

OPINION : IN RESPECT OF THE TESTS CARRIED OUT, AS MENTIONED ABOVE, IN THE OPINION OF THE UNDERSIGNED, THE SAMPLE REFERRED TO ABOVE **IS OF STANDARD QUALITY** AS DEFINED IN THE ACT & THE RULES THEREUNDER FOR THE REASONS GIVEN BELOW :

THE SUBMITTED SAMPLE COMPLIES WITH THE ABOVE TESTS AS PER ASTME 2783-11

The opinion is in respect of the tests carried out on the sample, as mentioned above. Certification or endorsement of the product is neither inferred nor implied. Legal liability is limited to the value in the invoice for testing.

DATE : 20/07/2022

Signature of person-in-charge of testing

	RAW DATA SHEET
Issued By:	Date: 15/07/22
Certificate No.: D/22/1307/023	
Name of Sample: Virosil Pharma	Analysis as per: ASTM E 2783-11

FOR 10 ml SAMPLE SIZE

CONTROL

Add 10 ml water to centrifuge tube

Start vortex for even distribution

At '0' time add 0.1 ml inoculum suspension in above tube

Start the timer within ± 1 sec of addition of inoculum

At 15 min, remove 1.0 ml aliquot from centrifuge and transfer to 9.0 ml dilution blank (De-engley neutralizing broth)

Prepare 10 fold dilutions of control

Plate out the dilutions in duplicate

Incubate the plates at 30-35°C for bacteria for 3 days and at 20-25°C for fungus for 5 days

Count the colonies using standard plate technique

Take average of plates and proceed for calculations

TEST SAMPLE

Procedure is as same as of control, instead of adding water add 10 ml of required diluted test sample in centrifuge tube and proceed further as of control

CALCULATIONS

$$\text{Percentage inactivation} = \frac{\text{(positive control cfu/ml) - (test sample cfu/ml)}}{\text{(positive control cfu/ml)}} \times 100$$

Analyzed by: (Sign & Date) Supriya. 20/07/22	Checked By: (Sign & Date) 20/07/22

BP	**RAW DATA SHEET**
Issued By: P	Date: 15/07/22
Certificate No.: D/22/1307/023	
Name of Sample: Virosil Pharma	Analysis as per: ASTM E 2783-11

RESULTS

- Diluent used – De – engley Neutralizing Broth
- Sample concentration used – 5%
- Contact time – 15 min
- Media used - Soyabean Casein Dgest Agar (for bacteria)
  - Soyabean Dextrose Agar with Chloremphenicol (for fungii)

~~• Contact time – 15~~ 15/07/22

Sr. no.	Organisms used	Positive control cfu/ml	Test sample cfu/ml	Percentage Inactivation
1.	*Escherichia coli* ATCC 8739	31×10^8	Nil	100%
2.	*Pseudomonas aeruginosa* ATCC 9027	36×10^8	Nil	100%
3.	*Aspergillus niger* ATCC 16404	25×10^6	12×10^2	99.99%
4.	*Candida albicans* ATCC 10231	34×10^7	17×10^2	99.99%

CONCLUSION - Efficacy test for submitted sample complies with respect to above cultures by using time-kill procedure (ASTM E 2783-11) method

Analyzed by: (Sign & Date) JSuperiya 20/07/22	Checked By: (Sign & Date) 20/07/22