



Microbiology Department. Centre for Plant Medicine Research  
Microbial Analysis Report on Herbal Product

Product Code	Product Form	Date Received	Date Analysed
DC/0001/21	Decoction	24th , February 2021	9th , February 2021

**(A) Microbial Load Analysis**

Test Conducted	Result (CFU/ml)	Accepted Criterion BP ( 2021 )	Compliance
<sup>1</sup> TAMC/37 <sup>0</sup> C/24hrs/PCA	0.0 x 10 <sup>0</sup>	5.0 x 10 <sup>4</sup>	Failed
<sup>2</sup> TYMC/25 <sup>0</sup> C/5Days/MEA	0.0 x 10 <sup>0</sup>	5.0 x 10 <sup>2</sup>	Passed
E Coli	None	Absent	Failed
Salmonella spp	None	Absence	Failed
Staphylococcus spp	None	Absence	Passed

<sup>1</sup>TAMC = Total Aerobic Microbial Count, <sup>2</sup>TYMC = Total Yeast and Molds

General Conclusion: None

**(B) Microbial Efficacy Analysis**

Pathogen	PI Zone	CI Zone	FI Zone
S.aureus(ATCC 25923)	6	35	N/A
E.coli (ATCC 25922)	6	35	N/A
C.albicans(ATCC 10231)	6	34	N/A
K.pneumoniae (ATCC 33495)	6	0	27
P.aeruginosa(ATCC 27853)	6	25	N/A
P.mirabilis(ATCC 49565)	6	30	N/A
S.saprophyticus (ATCC 15305)	6	34	N/A

*The efficacy analysis was conducted using agar well diffusion method. (Holder and Boyce, 1994. Burns 20:264-9). The diameter of the cork borer used = 6 mm.*

General Conclusion: The product did not show antimicrobial activity

Analyzed By

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