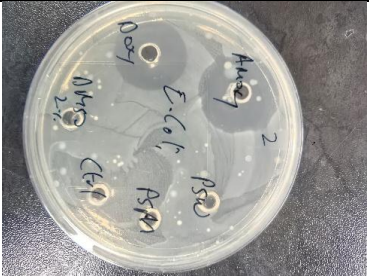
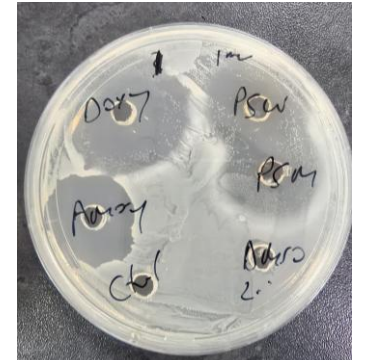
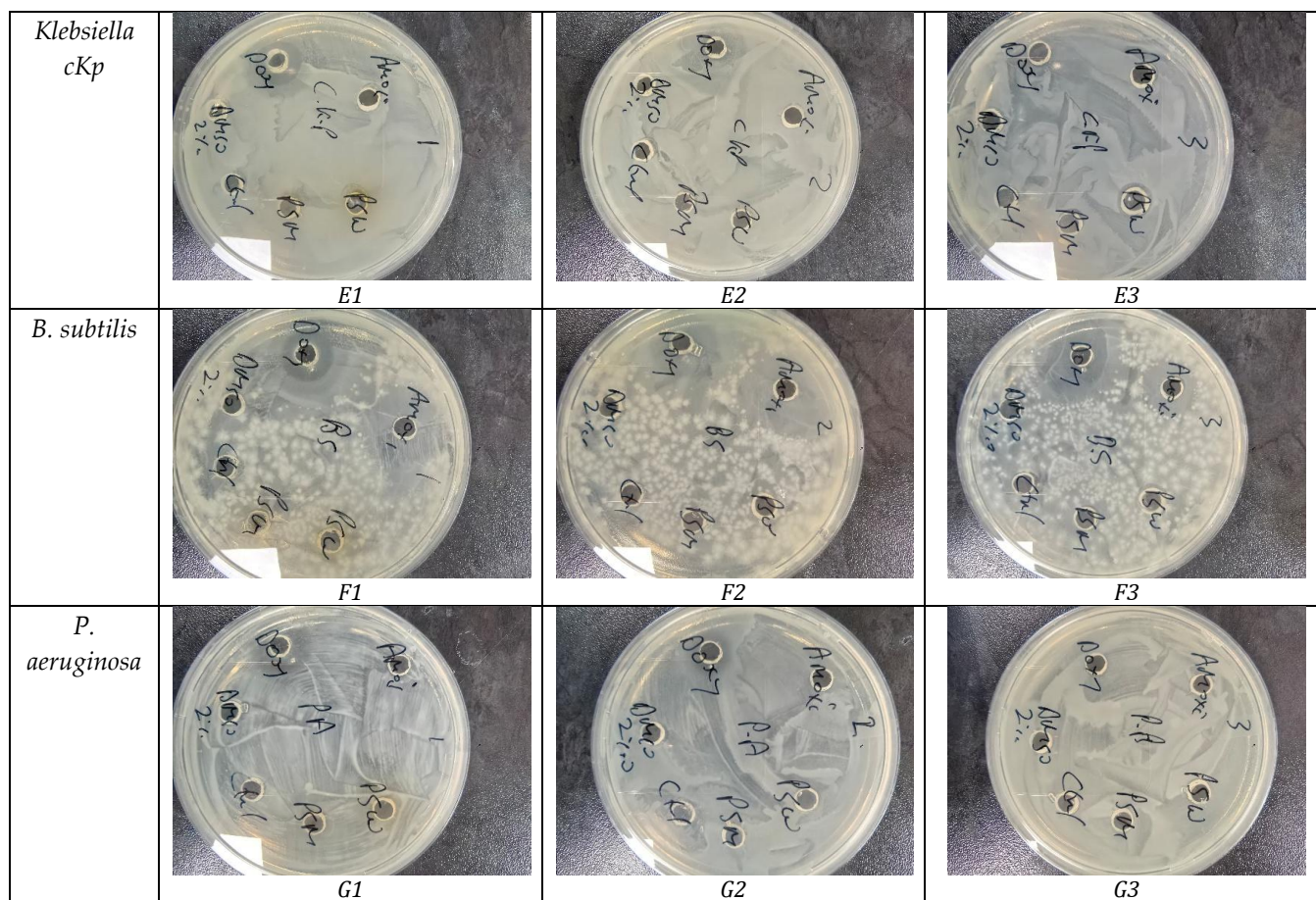


Supplementary Figures

	5000µg/mL or 1000µg/mL	500µg/mL or 100µg/mL	50µg/mL or 100µg/mL
<i>E. coli</i>	 A1	 A2	 A3
<i>S. aureus</i>	 B1	 B2	 B3
<i>S. epidermidis</i>	 C1	 C2	 C3
<i>Klebsiella hvKp</i>	 D1	 D2	 D3



Supplementary Figure S1. Agar diffusion plates showing zones of inhibition at the indicated concentrations. For the extracts, a 10-fold serial dilution was used, ranging from 5000 to 50 µg/mL. For the standard antibiotics, concentrations ranged from 1000 to 10 µg/mL. *S. epidermidis* was the only microorganism susceptible to PS water and methanol extracts. Plate labels: PSW = Product Shezi (aqueous extract); PSM = Product Shezi (methanolic extract); Doxy = Doxycycline; Amoxy = Amoxicillin; Crt = Control; DMSO = Dimethyl sulfoxide.



DEPARTMENT OF HEALTH
Private Bag X828
PRETORIA, 0001
Republic of South Africa

UMNYANGO WEZEMPILO
LEFAPHA LA MAPHELO

PERMIT TO ACQUIRE, POSSESS AND USE SPECIFIED SCHEDULE 5, SCHEDULE 6 AND SCHEDULE 7 SUBSTANCES FOR THE PURPOSES OF EDUCATION, ANALYSIS OR RESEARCH IN TERMS OF THE PROVISIONS OF SECTION 22A(9)(a)(i) OF THE MEDICINES AND RELATED SUBSTANCES ACT, 1965(ACT 101 OF 1965) .

Date of Issue: 30 January 2025	Expiry Date: 29 January 2026	Permit No: POS 441/2024/2025
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Authority is hereby granted in terms of Section 22A(9)(a)(i) of the above-mentioned Act to Prof Gqaleni Nceba of University of KwaZulu-Natal, Howard College Campus, Mazisi Kunene Avenue, Glenwood 4041, Durban to possess and conduct research on plant which is included within schedule 6 to this act in respect of which the quoted quantity should not be exceeded during the period 30 January 2025 to 29 January 2026.

Name of Scheduled Substance(s)	Schedule	Total quantity of substance(s) and/or preparation(s) allocated per calendar year
Cannabidiol (CBD)	4	250 ml [two hundred and fifty milliliters]

Total Items: 1

The acquisition, possess, use or supply of the relevant substances are subject to the following conditions:

1. The substances shall be used for **Research Purposes** only.
2. The control over the substances shall be the responsibility of:

Full Name & Surname: Prof Gqaleni Nceba

ID Number: 640115 5850 088

3. Complete details of the substances acquired and used shall be recorded in registers designed specifically for this purpose in accordance with the provisions of the relevant regulations to the Medicines and Related Substance Act, 1965.
4. Other Personnel assisting in Research:

Full Name & Surname: Dr Mlungisi Ngcobo

Full Name & Surname: Mr Sanele Mhlungu

Full Name & Surname: Mr Michael Laws

Full Name & Surname: Mr Saziso Ndlovu

5. When the substances are acquired, the name and address of the supplier, the date supplied, the quantity supplied and the number of the relevant invoice shall be recorded on this permit.
6. The register referred to in paragraph 3, as well as copies of orders and invoices pertaining to the supply of the substances, shall be available at the offices of University of KwaZulu-Natal, Howard College Campus, Mazisi Kunene Avenue, Glenwood 4041, Durban for a period of at least three years and shall be subject to inspection by Inspectors appointed in terms of the Medicines and Related Substances Act, 1965.
7. This permit expires on 29 January 2025 and shall on expiry be returned to the Department of Health for cancellation and shall be accompanied by a statement reflecting the quantity of substances on stock at expiry.


Dr Boitumelo Semete-Makokotlela

CHIEF EXECUTIVE OFFICER OF SAHPRA:
DR BOITUMELO SEMETE-MAKOKOTLELA

DATE: 31 January 2025

Supplementary Figure S2: Permit issued by the South African Health Products Regulatory Authority (SAHPRA) authorizing the use of medicinal cannabis for research purposes.