JOSH GREEN, M.D. Governor

> SYLVIA LUKE Lt. Governor



SHARON HURD
Chairperson, Board of Agriculture

DEXTER KISHIDADeputy to the Chairperson

State of Hawai'i DEPARTMENT OF AGRICULTURE KA 'OIHANA MAHI'AI

1428 South King Street Honolulu, Hawai'i 96814-2512 Phone: (808) 973-9600 FAX: (808) 973-9613

Queen Breeder Certificate of Inspection

This is to certify that the honey bee (*Apis mellifera mellifera*) apiaries belonging to **Hawaiian Queens**, **Inc.**, PO Box 652, Captain Cook, HI, 96704-8303, have been inspected by a qualified Hawai'i State Inspector on **January 30**, **2024** and the brood in the colonies and nuclei of the same were found to be apparently free from the following regulated contagious or infectious diseases: American foulbrood, European foulbrood, nosema, and stone brood diseases. The parasitic mites (*Varroa jacobsoni, Acarapis woodi*, and *Tropilaelaps clareae*), apimyiasis, Asian honeybee (*Apis cerana*), and Africanized honeybee (*Apis mellifera scutellata*) are not known to occur in Hawai'i.

The bee pests *Varroa destructor* (South Korean haplotype) is widespread on Oʻahu and Hawaiʻi Island and *Aethina tumida* (small hive beetle) is established on Oʻahu, Hawaiʻi Island, Maui, Kauaʻi, Molokaʻi, and Lānaʻi. Utilizing the alcohol wash method on a minimum of 25 colonies, varroa infestations were found to be at **0.47**% *A. tumida* was detected at very low levels in apiaries. Packaging of queens is conducted in facilities that have been inspected and are free of small hive beetle.

Certificate is not to be used for interisland* shipment of bees. Certificate valid from: January 30, 2024 to April 29, 2024

*Interisland shipments of honey bees will only be allowed after passing an inspection with Plant Quarantine prior to shipment.

Janis Matsuraga Acting Biological Control Section Chief

Hawai'i Dept. of Agriculture

Rebeca Krones

The food provided in these packages contains no honey.

(Signature of Shipper)

Rebeca Krones Hawaiian Queens

