

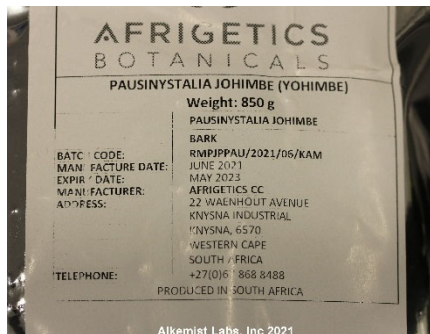
Certificate Issued To:
Afrigetics
381 Waterside Rd
Wilderness, Western Cape 6530
South Africa



Work performed at:
Alkemist Labs
12661 Hoover Street
Garden Grove, CA 92841
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Certificate of Analysis: Pausinystalia johimbe (RMPJPPAU/2021/06/KAM)
Microscopy with Digital Photo-Documentation

1



2



3



Company Name: Afrigetics
Title: Pausinystalia johimbe
Plant Part: Bark
Sample Received: 7/2/2021
Sample Description: Foil Pouch
Form of Botanical: whole/dry
Appearance: (1) Brown Pieces
Lot : RMPJPPAU/2021/06/KAM
Sample : 21183QED_2
Latin Name: Pausinystalia johimbe (K. Schum.) Pierre ex Beille [Rubiaceae]
Reference Sample : LD09399TH, LD13309CRB Pausinystalia johimbe (K. Schum.) Pierre ex Beille [Rubiaceae] authenticated by macroscopic, microscopic &/or TLC studies according to the reference sources cited below; held at Alkemist Labs, Garden Grove, CA.
Analyst: E. Sudberg & I. Solorzano
Magnification: (2) 400X
Chemical Reagents: (2) acidified chloral hydrate glycerol solution
Sample Findings: (2) long fibers with linear lumen
Magnification: (3) 400X
Chemical Reagents: (3) acidified chloral hydrate glycerol solution
Sample Findings: (3) fragments of cork
Reference Source: Internal Reference Sample
MIC-SOP-54-04, MIC-SOP-54-05, MIC-SOP-54-06, MIC-SOP-510-07

Comments & Conclusions: This sample has characteristics of Pausinystalia johimbe (K. Schum.) Pierre ex Beille [Rubiaceae] bark based on comparison with authenticated reference samples. The characteristic cellular structures identified in this sample are the long fibers with linear lumen seen in micrograph (2) above. In micrograph (3) we see the fragments of cork. **This test sample, Pausinystalia johimbe (RMPJPPAU/2021/06/KAM), has characteristics of Pausinystalia johimbe (K. Schum.) Pierre ex Beille [Rubiaceae] bark.**

NOTE: The presence of soluble excipients and other plant species material was not detected in this test sample.

Analyzed by: Iris Solorzano
Examined, Reviewed & Authorized by: Élan M Sudberg, CEO

Report Date: 7/13/2021



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