GC-MS Analysis Report

Report Reference: SIG/GC-2026/PAT/0041
Test Date: 2026-02-22
Sample: Patchouli Essential Oil (Pogostemon cablin)
Client: BridgeTrace / Koivu Ventures Pte. Ltd.

Composition (Area %)

Patchoulol ..... 33.2% Primary quality marker
; Ô'VÆæW6VæR ááááááááááááááááááááááááááà 16.8% Sesquiterpene
; ÔwV –VæR ááááááááááááááááááááááááááááà 13.4% Sesquiterpene
Seychellene ..... 8.1% Sesquiterpene
; Õ atchoulene ..... 5.7% Sesquiterpene
;"Õ atchoulene ..... 3.2% Sesquiterpene
Pogostol ..... 2.9% Sesquiterpene alcohol
Norpatchoulenol ..... 1.8% Oxygenated sesquiterpene
;"Ô6 yophyllene ..... 1.4% Sesquiterpene
Others ..... 13.5% Minor components

Results reported as relative area percentages (area%) from GC-MS chromatographic analysis.
Column: DB-5MS (30m x 0.25mm x 0.25µm). Carrier gas: Helium. Detector: MS.
Reference standard: ISO 3757:2002 (Patchouli oil).

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