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CLIENT : LIFE PALM DEVELOPMENT CO., LTD.
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Analysis Report

SAMPLE DESIGNATED AS : Indoor Air Quality
SAMPLING DATE : March 27, 2024
SAMPLING LOCATION : Faculty of Engineering, Chiang Mai University

Parameters	Units	Before	After	Standard*	
		10:15 hrs.	11:15 hrs.	SS 554: 2009	SS 554: 2016
1. Carbon dioxide (CO ₂)	ppm	938 (1,340)	111 (513)	700 above outdoor	700 above outdoor
2. Particulate matter less than 2.5 micron	µg/m ³	82.40	5.88	<35	<37.5
3. Particulate matter less than 10 micron	µg/m ³	312.89	14.97	<50	-
4. TVOCs	ppm	6.2	1.6	<3	<1
5. Total Bacteria (Airborne)	CFU/m ³	360	110	<500	<1,000
6. Yeast & Mold (Airborne)	CFU/m ³	230	160	<500	-

Remarks: - ppm = part per million, µg/m³ = microgram per cubic meter, CFU/m³ = Colony Forming Units per cubic meter
 - Outdoor on March 27, 2024; Temperature is 37.7 °C, Relative Humidity is 38.5 %RH and Carbon dioxide is 402 ppm
Source: * Code of Practice for Indoor air quality for air-conditioned buildings; Singapore Standard SS 554

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 (Thepsan Yommana)
 Technical Manager



SGS (THAILAND) LIMITED

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