



**Certificate Of Analysis**

**Registration No.** : L-KL-BQ2102NGE-0398 Page: 1 of 34  
**Customer** : Golden Ecosystem Sdn. Bhd.  
**Project** : The Proposed Oil Palm and Coconut Palm Plantation at Lots PTD 4882, PTD 4085, PTD 4963, PTD 4118, PTD 4177 and PTD 4121 (3775.34 ha) Mukim Padang Endau, Daerah Mersing, Johor Darul Takzim.  
**Sampling Date** : 23<sup>rd</sup> to 25<sup>th</sup> February 2021  
**Receiving Date** : 26<sup>th</sup> February 2021  
**Reporting Date** : 25<sup>th</sup> March 2021  
**Sample Description** : Ambient Air  
**Sample Marking** : 1. A1: Boundary of the project site at northern part [N 02°34'42.32" E103°37'52.58"]  
 2. A2: Perkampungan Orang Asli Labong [N 02°35'18.10" E103°37'44.33"]  
 3. A3: Boundary of the project site at southern part [N 02°31'42.72" E103°38'57.97"]

Results of analysis:-  
Testing period: 23-February-2021 to 1-March-2021

Parameters	Results			Malaysian Ambient Air Quality Standard (2020)	Method used
	A1	A2	A3		
Particulate Matter (PM10) (µg/m <sup>3</sup> )	19	49	139	100 µg/m <sup>3</sup> (24 hours averaging time)	ASTM D 4096, 1993
Particulate Matter (PM2.5) (µg/m <sup>3</sup> )	9	19	23	35 µg/m <sup>3</sup> (24 hours averaging time)	In-House Method (ESL/F/A-06) based on Manufacture's Measurement Procedures (MiniVol <sup>TM</sup> TAS)

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 Kok Yin Yean  
 MMIC M/β299/6133/2011  
 (Chemist)

- Notes:
- The results reported relate only to the item tested as per the details given in this COA.
  - ASTM - Annual Book of ASTM Standards by American Society for Testing and Material.

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