



JABATAN PERUNDINGAN, PENYELIDIKAN & LATIHAN (E.R.A.S)

RISDA ESTATES SDN.BHD

(No. Syarikat 72856-K)

NO. 8 PERSIARAN INSTITUSI, 43000 KAJANG, SELANGOR DARUL EHSAN.

TEL: 03 - 89256448/89252805 FAX: 03 - 89256449 EMAIL: eraslaboratory2@gmail.com

TEST REPORT



MS ISO/IEC 17025

TESTING

SAMM NO. 258

Customer : SOILMED ORGANIC FERTILISER
MANUFACTURER.

Address : No.102,Jalan Perdana 5,
Taman Perindustrian Perdana,
71010,Lukut,Port Dickson,
Negeri Sembilan Darul Khusus.

Analysis Requested :Nitrogen (N),Phosphorus (P),Potassium (K),
Magnesium(Mg),Copper(Cu),Zinc(Zn),Iron(Fe),
Manganese(Mn),Calcium(CaO),OC,OM,pH/EC,
Arsenic(As),Lead(Pb),Chromium(Cr),Cadmium(Cd),
Molybdenum(Mo),Boron(B),Moisture.

Condition When Received : SATISFACTORY

Registration Code : O F 213/F – 214/F ABDFHNO

Date of received : 09.08.2024

Sample Description : Two samples compost from customer

Test Method – Fertilizers

No.	Test Method	Reference
1.	Determination of Phosphorus(P_2O_5),Potassium(K_2O),Magnesium (MgO),Boron(B_2O_3),Calcium(CaO)	In-house Method : ICP OES-1

Report Serial number: 85/2024

Date of Issue: 04.09.2024

2.	<i>Determination of Nitrogen(N), OC, OM</i>	<i>In-house Method: Elemental Analyzer-4</i>
3.	<i>Determination of Trace Element, Heavy Metal</i>	<i>In-house Method: ICP OES-1</i>
4.	<i>Determination of pH/EC</i>	<i>In-house Method: Fertilizer</i>

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ESTATES
JABATAN PERUNDINGAN, PENYELIDIKAN & LATIHAN (E.R.A.S)
LABORATORY REPORT

DATE OF RECEIVED : 09.08.2024
DATE OF ANALYSIS : 12.08.2024 - 14.08.2024
DATE COMPILATION OF DATA : 04.09.2024

BIL.	LAB ID	CLIENT/LOCATION	REFERENCE	MOISTURE	TYPE OF ANALYSIS											TYPE OF ANALYSIS
					%									^pH	^EC μS/cm	^CEC (cmol ₍₊₎ /kg soil)
					^N	^C	#C/N Ratio	^OC	^OM	^P ₂ O ₅	^K ₂ O	^MgO	^CaO			
1	213/F	SOILMED ORGANIC FERTILISER MANUFACTURER No,12,Jalan Perdana 5, Taman Perindustrian Perdana, 71010,Lukut,Port Dickson, Negeri Sembilan.	SAMPEL 1	32.98	2.34	77.14	32.95	58.00	99.99	0.18	1.22	0.34	1.25	5.86	2.3	9.70
2	214/F		SAMPEL 2	54.65	3.39	36.23	10.69	48.19	83.08	5.23	5.49	0.31	0.99	6.04	41.3	71.9

Disclaimer : (^) Not SAMM Accredited
(#) Opinions and interpretations expressed here in
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Note : n.d (not detectable)

N	Nitrogen	K ₂ O	Potassium	^B	Boron	#OC	Organic Carbon	^pH
P ₂ O ₅	Phosphorus	MgO	Magnesium	^CaO	Calcium	# OM	Organic Matter	^CEC

No.85F O F 213/F- 214/F ABDFHNO/04.09.2024

2 of 3

Check of Approve by:

AKMALIZA BT AHMAD MANSOR
CHEMIST (L1-333/4275/02).
ESTATES RESEARCH & ADVISORY SERVICES
RISDA ESTATES SDN. BHD.



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DATE OF ANALYSIS : 12.08.2024 - 14.08.2024
DATE COMPILATION OF DATA : 04.09.2024

BIL.	LAB ID	CLIENT/LOCATION	REFERENCE	TYPE OF ANALYSIS									
				PPM									
				^B	^Zn	^Fe	^Cu	^Mn	^As	^Pb	^Cr	^Cd	^Mo
1	213/F	SOILMED ORGANIC FERTILISER MANUFACTURER No, 12, Jalan Perdana 5, Taman Perindustrian Perdana, 71010, Lukut, Port Dickson, Negeri Sembilan.	SAMPEL 1	0.003	32.72	3416.6	17.53	55.46	0.09	0.74	29.58	0.76	0.364
2	214/F		SAMPEL 2	0.117	984.65	4282.6	65.16	329.0	0.06	1.63	37.50	0.26	532.61

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Note : n.d (not detectable)

^B Boron
^Zn Zinc

^Fe Iron
^Cu Copper
^Mn Manganese
^As Arsenic

^Pb Lead
^Cr Chromium

^Cd Cadmium
^Mo Molybdenum
^pH

No.85 F O F 213/F-214/F GO/04.06.2024

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Customer : *SOILMED ORGANIC FERTILISER
MANUFACTURER.*

Address : *No.12,Jalan Perdana 5,
Taman Perindustrian Perdana,
71010,Lukut,Port Dickson,
Negeri Sembilan Darul Khusus.*

Analysis Requested : *Nitrogen (N),Phosphorus (P),Potassium (K),
Magnesium(Mg),Copper(Cu),Zinc(Zn),Iron(Fe),
Manganese(Mn),Calcium(CaO),OC,OM,pH/EC,
Arsenic(As),Lead(Pb),Chromium(Cr),Cadmium(Cd),
Molybdenum(Mo),Boron(B),Moisture.*

Condition When Received : *SATISFACTORY*

Registration Code : *O F 215/F – 216/F ABDFHNO*

Date of received : *09.08.2024*

Sample Description : *Two samples compost from customer*

Test Method – Fertilizers

No.	Test Method	Reference
1.	<i>Determination of Phosphorus(P_2O_5),Potassium(K_2O),Magnesium (MgO),Boron(B_2O_3),Calcium(CaO)</i>	<i>In-house Method : ICP OES-1</i>

Report Serial number: 85/2024

Date of Issue: 04.09.2024

2.	<i>Determination of Nitrogen(N),OC,OM</i>	<i>In-house Method:Elemental Analyzer-4</i>
3.	<i>Determination of Trace Element,Heavy Metal</i>	<i>In-house Method:ICP OES-1</i>
4.	<i>Determination of Moisture Content</i>	<i>MS 417:Part 2:Clause 3,Method I:1994/Oven</i>
5.	<i>Determination of pH/EC</i>	<i>In-house Method:Fertilizer</i>

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BIL.	LAB ID	CLIENT/LOCATION	REFERENCE	TYPE OF ANALYSIS								^pH	^EC μS/cm
				%									
				^N	^C	^OC	^OM	^P ₂ O ₅	^K ₂ O	^MgO	^CaO		
1	215/F	SOILMED ORGANIC FERTILISER MANUFACTURER No,12,Jalan Perdana 5, Taman Perindustrian Perdana, 71010,Lukut,Port Dickson, Negeri Sembilan.	LIQUID 1	23.46	18.56	13.95	31.99	4.49	4.01	0.09	0.36	8.1	20.0
2	216/F		LIQUID 2	0.51	5.73	4.30	9.87	0.07	1.23	0.03	0.36	4.8	7.3

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Note : n.d (not detectable)

N	Nitrogen	K ₂ O	Potassium	^B	Boron	#OC	Organic Carbon	^pH
P ₂ O ₅	Phosphorus	MgO	Magnesium	^CaO	Calcium	# OM	Organic Matter	^CEC

No.85F O F 215/F-216/F ABDFNO/04.09.2024

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BIL.	LAB ID	CLIENT/LOCATION	REFERENCE	TYPE OF ANALYSIS									
				PPM									
				^B	^Zn	^Fe	^Cu	^Mn	^As	^Pb	^Cr	^Cd	^Mo
1	215/F	SOILMED ORGANIC FERTILISER MANUFACTURER No,12,Jalan Perdana 5, Taman Perindustrian Perdana, 71010,Lukut,Port Dickson, Negeri Sembilan.	LIQUID 1	0.128	939.43	416.7	45.27	183.70	0.47	2.47	nd	nd	534.18
2	216/F		LIQUID 2	0.002	9.58	42.4	15.85	2.83	0.51	nd	nd	nd	nd

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Note : n.d (not detectable)

^B Boron
^Zn Zinc

^Fe Iron
^Cu Copper
^Mn Manganese
^As Arsenic

^Pb Lead
^Cr Chromium

^Cd Cadmium
^Mo Molybdenum

No.85F O F 215/F-216/F GO/04.06.2024

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