



INDUSTRIAL TECHNOLOGY INSTITUTE (ITI)

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ISO/IEC 17025
TL 004 - 01

TEST REPORT

Report No. SS 2200299

Report to:

Tex Products (Pvt) Ltd.
No. 536/A, Thalangama North
Battaramulla.

Issued by:

Chemical & Microbiological Laboratory
Industrial Technology Institute

2022/02/07

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THE REPORT IS ISSUED SUBJECT TO CONDITIONS MENTIONED OVERLEAF

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TESTREPORT

Report No. SS 2200299

ISO/IEC 17025
TL 004 - 01

Customer: Tex Products (Pvt) Ltd. No. 536/A, Thalagama North Battaramulla.	Test Item: Organic Solid Fertilizer Service Requested: Parameters requested by the customer's letter dated 2022/01/05
Description: Approximately 01 kg X 3 of solid fertilizer sample contained in sealed polythene bags	Identification of Test Item: Label: "Sample 02" Date of Receipt of Test Item : 2022/01/05
Test Dates: 2022/01/11 - 2022/02/07	

Test Results:

Test/Unit	Method	Results	L.O.D.	E.U.% (k=2)
# Moisture, percent by mass	SLS 645 Part 2 :1984	21.4	25 max	-
# Total Nitrogen (as N) on dry basis, percent by mass	CML/MM/03/03/005	1.8	1 min	-
Total Phosphorous (as P ₂ O ₅) on dry basis, percent by mass	SLS 645 Part 5 : 1985	2.2	0.5 min	8.0
Total Potassium (as K ₂ O) on dry basis percent by mass	SLS 645 Part 4: 1989	1.3	1.0 min	6.0
# Magnesium (as MgO) on dry basis, percent by mass	SLS 645 Part 6 : 1990	Not detected	0.1 0.5 min	-
# Calcium (as CaO) on dry basis, percent by mass		2.8	min 0.7	-
# Particle size Percent Retained on 4 mm sieve	SLS 1635 : 2019 Appendix G	4.3	2	-
# pH at 22.0 °C (1 :5)	ISO 10390: 2005	8.7	6.5-8.5	-
# Conductivity at 25. °C (1 :5), dS/m	SLS 1635:2019 Appendix B	21.4	4.0	-

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 2022/02/07



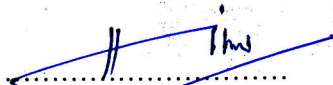
SS 2200299

Test/Unit	Method	Results	Limit of detection
# Foreign matter, percent by mass	SLS 1635 : 2019 Appendix H	Not detected	Free
# Organic carbon (on dry basis), percent by mass	SLS 1635 : 2019 Appendix C	23.9	20-min
# Sand content (on dry basis), percent by mass	SLS 1635 : 2019 Appendix E	35.9 *	20
Presumptive <i>E.coli</i> count, per g (MPN)	SLS 516-12:2013 ISO 7251:2005	Not detected	Free
<i>Salmonella</i> , per 25 g	SLS 516-5:2017 (ISO 6579-1:2017)	Absent	Free
# Chromium (as Cr), mg/kg	Microwave digestion / ICP – MS	20.5	- 150
# Nickel (as Ni), mg/kg		19.3	- 50
# Arsenic (as As), mg/kg		4.1	- 5
# Cadmium (as Cd), mg/kg		0.1	- 3
# Mercury (as Hg), mg/kg		Not detected	0.1 2
# Lead (as Pb), mg/kg		3.7	- 150

SLAB Non -Accredited test E. U. – Expanded Uncertainty L.O.D. Limit of Determination

Analysis was carried out by Ms. J. A. H. Abeyrathna, Ms. H.K.W. Sandamali, Mr. M.S Thiwanka and Mr. W.A.A Peiris – Assistant Research Technologist.

Analysis of heavy metals was subcontracted to the Residue Analysis Laboratory of ITI.


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Authorized Signatory

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Chemical & Microbiological Laboratory
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2022/02/07
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