



# 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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2022/02/07

**THE REPORT IS ISSUED SUBJECT TO CONDITIONS MENTIONED OVERLEAF**

**"PLEASE ADDRESS ALL COVERS TO THE DIRECTOR GENERAL"**



... Continuation Sheet

organic



TESTREPORT

Report No. SS 2200299

ISO/IEC 17025  
TL 004 - 01

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

Test Results:

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

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2022/02/07



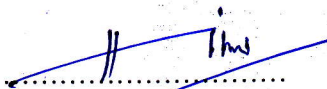
SS 2200299

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

# 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.

  
Authorized Signatory

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2022/02/07  
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