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ISO/IEC 17025
TL 004 - 01

TEST REPORT

Report No. SS 2108888

Report to:

AgStar Cropcare (Pvt) Ltd
No. 9, Bawa Place,
Colombo 08.

Issued by:

Chemical & Microbiological Laboratory
Industrial Technology Institute

2021/07/28

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ISO/IEC 17025
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TESTREPORT

Report No. SS 2108888

Customer: AgStar Cropcare (Pvt) Ltd No. 9, Bawa Place, Colombo 08.	**Test Item: Compost** **Service Requested :** Parameters requested by the customer's letter dated 2021/06/30
Description : Approximately 350 g of compost sample contained in a sealed polythene bag	**Identification of Test Item :** **Label :** "2021/S/June/02" "Compost Fertilizer" "AgStar Cropcare (Pvt) Ltd." "Serial No. 03" **Date of Receipt of Test Item :** 2021/06/30
Test Dates: 2021/07/06 - 2021/07/27	

2021/07/28

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SS 2108888

Test Results :

Test/Unit	Method	Results	Limit of detection	E.U.% (k=2)
# Moisture, percent by mass	SLS 645 Part 2 : 1984	68.9	-	-
# Organic matter, on dry basis, percent by mass	Loss on ignition	75.6	-	-
Total Phosphorous (as P_2O_5), on dry basis, percent by mass	SLS 645 Part 5 : 1985	1.2	-	8.0
Total Potassium (as K_2O), on dry basis, percent by mass	SLS 645 Part 4: 1989	1.2	-	6.0
# Magnesium (as MgO), percent by mass	SLS 645 Part 6: 1990	1.1	-	-
# Total Nitrogen (as N), on dry basis, percent by mass	SLS 645 Part 1 : 2009 AOAC 892.01	2.6	-	-
# Sand content, on dry basis, percent by mass	SLS 1634 : 2019 Appendix E	13.0	-	-
# Arsenic (as As), mg/kg	Microwave digestion / Detection by ICP – MS	0.1	-	-
# Cadmium (as Cd), mg/kg		Not detected	0.1	-
# Lead (as Pb), mg/kg		1.0	-	-
# Mercury (as Hg), mg/kg		Not detected	0.1	-
# Chromium (as Cr), mg/kg		0.3	-	-
# Nickel (as Ni), mg/kg		1.0	-	-

 # Not Accredited **E. U. – Expanded Uncertainty**

Analysis was carried out by Ms. J.A.H. Abeyrathna, Ms. H.K.W. Sandamali
Assistant Research Technologists.

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

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Authorized Signatory

M. N. A. Mubarak
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M.I. Chem. C
Director/ Principal Research Scientist
Chemical and Microbiological Laboratory
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2021/07/28
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