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இலங்கை கட்டளைகள் நிறுவனம்  
**SRI LANKA STANDARDS INSTITUTION**  
Laboratory Services Division  
Chemical Laboratory

**TEST REPORT**

**Subject:** LIQUID ORGANIC FERTILIZER

**Report Number:** CH/1647/2021

**Date of Report:** 2021-09-07

**Your ref.:** Letter dated 2021-08-02

**Test item(s) received on:** 2021-08-03

**Test item(s) submitted by:** Senior Manager, AgStar Cropcare (Pvt) Ltd.

**Date(s) of performance of test(s):** 2021-08-26 to 2021-09-05

**Tests carried out in accordance with:** SLS 1702:2021 Specification for Liquid Organic Fertilizers

Determination of Total Nitrogen: IS: 6092 (Part 2), Section 8: 1985 (2021)

Determination of Total Potassium: CH\_TM\_7.2\_03 (Based on SLS 645: Part 4: 1989 Section 1)

Determination of Calcium and Magnesium: SLS 645: Part 6: 1990 (Section 2,3)

Toxic Elements: AOAC Official Method 2006.03 and ICP-MS

**Recipient:**

Senior Manager,  
AgStar Cropcare (Pvt) Ltd,  
No.09, Bawa Place,  
Colombo 08.

**Particulars of Test Item (s):** One sample of Organic Liquid Fertilizer - 02 bottles

Sample code : AgCC/2021/L/AUG/04

Laboratory is not responsible for sampling

**Results:**

Characteristic	Sample Result	Requirement
1. pH (in water), at 20 °C	4.8	6.0-8.5
2. Electrical Conductivity, dSm <sup>-1</sup> at 25 °C	11.9	20.0 (Max.)
3. Total Nitrogen (as N), per cent by mass	1.1	1.0 (Min.)
4. Total Phosphorus (as P <sub>2</sub> O <sub>5</sub> ), per cent by mass	Less than 0.5	0.5 (Min.)
5. Total Potassium (as K <sub>2</sub> O), per cent by mass	0.7	0.5 (Min.)
6. Organic Carbon, per cent by mass	7.7	5.0 (Min.)
7. Magnesium content, (as Mg) per cent by mass	Less than 0.1	-
8. Calcium content, (as Ca) per cent by mass	0.2	-

V. Srilalitha  
Assistant Director (Technical)

773  
2021-09-08  
Senior Deputy Director / Authorized Signatory  
Chemical Laboratory



W A S M Sovis  
Assistant Director (Technical)





**Report No: CH/1647/2021**

**Date of Report: 2021-09-07**

Characteristic	Sample Result	Requirement
9. Toxic elements		
9.1 Mercury (as Hg), mg/kg	Less than 0.1	0.5 (Max.)
9.2 Arsenic (as As), mg/ kg	0.3	0.5 (Max.)
9.3 Cadmium (as Cd), mg/kg	0.2	0.5 (Max.)
9.4 Lead (as Pb), mg/kg	0.1	1.0 (Max.)
9.5 Chromium (as Cr), mg/kg	0.4	0.5 (Max.)

This report refers specifically to the test item(s) submitted.

Test report shall not be reproduced in total or in part without written approval from Director (Laboratory Services)

V Srilalitha  
Assistant Director (Technical)

W A S M Sovis  
Assistant Director (Technical)

2021-09-08

Senior Deputy Director / Authorized Signatory  
Chemical Laboratory





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இலங்கை கட்டளைகள் நிறுவனம்  
SRI LANKA STANDARDS INSTITUTION  
Laboratory Services Division  
Microbiology Laboratory

**TEST REPORT**

**Subject:** Liquid Fertilizer

**Report Number:** MB/0760/2021

**Date of Report:** 2021-08-11

**Your ref.:** Letter dated 2021-08-02

**Test item(s) received on:** 2021-08-03

**Test item(s) submitted by:** AgStar Cropcare (Pvt) Ltd.

**Date(s) of performance of test(s):** 2021-08-03 to 2021-08-07

**Tests carried out in accordance with:**

Test methods specified in SLS 1702: 2021 Sri Lanka Standard Specification for Liquid Organic Fertilizers

**Particulars of Test item(s):**

One sample of one unit of Liquid Fertilizer in tightly closed glass bottle.

**Recipient:**

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

Product : Liquid Fertilizer - AgStar Bio Green AgCC/2021/L/AUG/04  
Volume : 200 ml (Approximately)

**Laboratory is not responsible for sampling**

**01. Results**

Test	Test Method	Sample
1.4 Fecal coliforms MPN per ml	SLS 516 : Part 3: Section 1 : 2013	Not detected
1.5 <i>Salmonella</i> per 25 g	SLS 516 Part 5 :2017	Absent

**This report Refers specifically to the test item(s) submitted**

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C J Ranasingha  
Assistant Director

  
Senior Deputy Director/Authorized Signatory  
Microbiology Laboratory

