

**TYPICAL CERTIFICATE of ANALYSIS**

<b>Product</b>	: Tuta absoluta lure	<b>Date of Manufacture</b>	: January, 2020
<b>Batch no.</b>	: HEPL/TLM/04/01/20-21	<b>Date of Expiry</b>	: December, 2021
<b>Batch size</b>	: 1000 Nos.	<b>Date of Analysis</b>	: 04 <sup>th</sup> Janaury, 2020

S.No.	TEST	SPECIFICATION	RESULT
1.	External Appearance	Pink Rubber septum	Complies
2.	Contents	Contains blend of 3E,8Z,11Z-Tetradecatrienyl Acetate[163041-94-9] and 3E,8Z-Tetradecadienyl acetate163041-87-0]	Complies
3.	Spectroscopic identification of Active ingredient A	H <sup>1</sup> NMR Spectra to match with those of the standard samples developed in house, of 3E,8Z,11Z-Tetradecatrienyl Acetate [163041-94-9]	Complies
4.	Spectroscopic identification of Active ingredient B	H <sup>1</sup> NMR Spectra to match with those of the standard samples developed in house, of 3E,8Z-Tetradecadienyl acetate [163041-87-0]	Complies
5.	Purity of Active ingredients by GC (blend of A & B)	NLT 90%	93.9%
6.	Total Content of active pheromone ingredients	NLT 0.5 mg	Complies
7.	Effective life in field	30 to 45 days	Complies

Certified that the samples match with the in house specification.

**Analyzed by:**

**S.Lokanath**

Chemist - QC

Date: 04/01/2020

**Checked by:**

**D.Bhaskar**

Sr.Chemist - QC

Date: 04/01/2020

**Authorised Signatory:**

**MVR Sai Prasad**

Manager - QC

Date: 04/01/2020