

TYPICAL CERTIFICATE of ANALYSIS

Product	: Spodoptera litura Lure	Date of Manufacture	: January, 2020
Batch no.	: HEPL/SL/10/01/20-21	Date of Expiry	: December, 2021
Batch size	: 1000 Nos.	Date of Analysis	: 10 th January, 2020

S.No.	TEST	SPECIFICATION	RESULT
1.	External Appearance	Pink Rubber septum	Complies
2.	Contents	Contains blend of Z-9 ,E-11-Tetradecadienyl acetate[50767-79-8] and Z9,E-12-Tetradecadienyl acetate[30507-70-1]	Complies
3.	Spectroscopic identification of Active ingredient A	H ¹ NMR Spectra to match with those of the standard samples developed in house, of Z-9 ,E-11-Tetradecadienyl acetate [50767-79-8]	Complies
4.	Spectroscopic identification of Active ingredient B	H ¹ NMR Spectra to match with those of the standard samples developed in house, of Z9,E-12-Tetradecadienyl acetate [30507-70-1]	Complies
5.	Purity of Active ingredient by GC (blend of A & B)	NLT 95%	95.8%
6.	Total Content of active pheromone ingredients	NLT 3 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

Checked by:
D.Bhaskar
 Sr.Chemist - QC

Authorised Signatory:
MVR Sai Prasad
 Manager - QC

Date: 10/01/2020

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