

TYPICAL CERTIFICATE of ANALYSIS

Product	: Plutella xylostella Lure	Date of Manufacture	: January, 2020
Batch no.	: HEPL/DBM/05/01/20-21	Date of Expiry	: December, 2021
Batch size	: 1000 Nos.	Date of Analysis	: 05 th January, 2019

S.No.	TEST	SPECIFICATION	RESULT
1.	External Appearance	Pink Rubber septum	Complies
2.	Contents	Contains blend of Z-11-Hexadecenal [53939-28-9] and Z-11-Hexadecenyl-1-acetate [34010-21-4]	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-11-Hexadecenal [53939-28-9]	Complies
4.	Spectroscopic Identification of Active Ingredient B	H ¹ NMR Spectra to match with those of the standard samples developed in house, of Z-11-Hexadecenyl-1-acetate [34010-21-4]	Complies
5.	Purity of Active ingredient by GC (blend of A & B)	NLT 90%	94.3 %
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

Checked by:
D.Bhaskar
Sr.Chemist - QC

Authorised Signatory:
MVR Sai Prasad
Manager - QC

Date: 05/01/2020

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