

TYPICAL CERTIFICATE of ANALYSIS

Product	: Spodoptera frugiperda Lure	Date of Manufacture	: January, 2020
Batch no.	: HEPL/FAW/27/01/20-21	Date of Expiry	: December, 2022
Batch size	: 1000 Nos.	Date of Analysis	: 27 th January, 2020

S.No.	TEST	SPECIFICATION	RESULT
1.	Physical Description	Pink rubber septa	Complies
2.	Contents Appearance	Off-white pale liquid blend of Z-7 Dodecenyl acetate [14959-86-5], Z-9 Tetradecenyl acetate [16725-53-4] and Z-11 Hexadecenyl 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-7 Dodecenyl acetate [14959-86-5],	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-9 Tetradecenyl acetate [16725-53-4]	Complies
5.	Spectroscopic identification of Active ingredient C	H ¹ NMR Spectra to match with those of the standard samples developed in house, of Z-11 Hexadecenyl acetate [34010-21-4]	Complies
6.	Content of Active ingredient per lure	not less than 3 mg	Complies
7.	Purity of Active ingredient by GC (blend of A,B & C)	NLT 95%	97.8 %
8.	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: 27/01/2020

Checked by:

D.Bhaskar

Sr.Chemist - QC

Date: 27/01/2020

Authorised Signatory:

MVR Sai Prasad

Manager - QC

Date: 27/01/2020