

TYPICAL CERTIFICATE of ANALYSIS

Product	: Rhynchophorus ferruginens Lure	Date of Manufacture	: January, 2020
Batch no.	: HEPL/RPW/18/01/20-21	Date of Expiry	: December, 2021
Batch size	: 5000 Nos.	Date of Analysis	: 18 th January, 2020

S.No.	TEST	SPECIFICATION	RESULT
1.	External Appearance	LDPE pouch	Complies
2.	Contents	Clear to pale yellow liquid blend of 4-methyl-5-nonanol [154170-44-2] and 4-methyl-5-nonanone [35900-26-6]	Complies
3.	Spectroscopic identification of Active ingredient A	H ¹ NMR Spectra to match with that of the standard of 4-methyl-5-nonanol [154170-44-2]	Complies
4.	Spectroscopic identification of Active ingredient B	H ¹ NMR Spectra to match with that of the standard of 4-methyl-5-nonanone [35900-26-6]	Complies
5.	Purity of Active ingredient by GC (blend of A & B)	NLT 90%	95.2%
6.	Total Content of active pheromone Ingredients	NLT 700 mg	Complies
7.	Effective life in field	75 to 90 days	Complies

Certified that the samples match with the in house specification.

Analyzed by:**S.Lokanath**

Chemist - QC

Date: 18/01/2020

Checked by:**D.Bhaskar**

Sr.Chemist - QC

Date: 18/01/2020

Authorised Signatory:**MVR Sai Prasad**

Manager - QC

Date: 18/01/2020