



Accreditation No. 1031/47

Analysis / Test Report

Report to : Rai Din Thai Co., Ltd.
345 Moo 12,, T. Mae Faek, A. San Sai,
Chiang Mai Thailand 50290
Attn : Sitthiphoom Obphiom
Phone : 0-5301-5234 - 6
Fax : 0-5301-5238
Email : a.raidintai@gmail.com

Project Name :
Location :
P/O : RDT-2562-00021

Lot ID: 1914626
Date Received : Feb 12, 2019
Date Reported : Feb 20, 2019
Report Number : 1303901-1

Page 1 of 7

Reference Number 1914626-1
Sampling Date Feb 08, 2019
Sample Description RDT-PDR-PTC-001 : Paddy Rice (AE)
Condition of Sample Packed in one plastic zip bag
Date of Analysis Feb 13, 2019

Analyte	Unit	LOD	Result	Guideline Limit	Method
Pesticides - Carbamate Group					
3-Hydroxy Carbofuran	mg/kg	0.001	Not Detected	No Standard	In-house method STM No.03-061 based on EN 15662:2008
Aldicarb	mg/kg	0.001	Not Detected	No Standard	In-house method STM No.03-061 based on EN 15662:2008
Aldicarb Sulfone	mg/kg	0.001	Not Detected	No Standard	In-house method STM No.03-061 based on EN 15662:2008
Aldicarb Sulfoxide	mg/kg	0.001	Not Detected	No Standard	In-house method STM No.03-061 based on EN 15662:2008
Carbaryl	mg/kg	0.001	Not Detected	No Standard	In-house method STM No.03-061 based on EN 15662:2008
Carbofuran	mg/kg	0.001	Not Detected	No Standard	In-house method STM No.03-061 based on EN 15662:2008
Methiocarb	mg/kg	0.001	Not Detected	No Standard	In-house method STM No.03-061 based on EN 15662:2008
Methiocarb Sulfone	mg/kg	0.001	Not Detected	No Standard	In-house method STM No.03-061 based on EN 15662:2008
Methomyl	mg/kg	0.001	Not Detected	No Standard	In-house method STM No.03-061 based on EN 15662:2008
Methiocarb sulfoxide	mg/kg	0.001	Not Detected	No Standard	In-house method STM No.03-061 based on EN 15662:2008
Oxamyl	mg/kg	0.001	Not Detected	No Standard	In-house method STM No.03-061 based on EN 15662:2008
Propoxur	mg/kg	0.001	Not Detected	No Standard	In-house method STM No.03-061 based on EN 15662:2008
Carbosulfan	mg/kg	0.001	Not Detected	No Standard	In-house method STM No.03-061 based on EN 15662:2008
Thiodicarb	mg/kg	0.001	Not Detected	No Standard	In-house method STM No.03-061 based on EN 15662:2008
Pesticides - Organochlorine Group					
alpha-BHC	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007

Approved by

Sumalee Chanta
Assistant Manager

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Page 2 of 7

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Analyte	Unit	LOD	Result	Guideline Limit	Method
Pesticides - Organochlorine Group					
beta-BHC	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
gamma-BHC (Lindane)	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
delta-BHC	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Heptachlor	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Aldrin	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Dicofol	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Heptachlor-Epoxide	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Chlordane	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Dieldrin	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
o,p'-DDE	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Endosulfan I	mg/kg	0.005	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007

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Page 3 of 7

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Analyte	Unit	LOD	Result	Guideline Limit	Method
Pesticides - Organochlorine Group					
p,p'-DDE	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
o,p'-DDD	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Endrin	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Endosulfan II	mg/kg	0.005	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
p,p'-DDD	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
o,p'-DDT	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Endrin aldehyde	mg/kg	0.005	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Endosulfan sulfate	mg/kg	0.005	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
p,p'-DDT	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Methoxychlor	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Aldrin and dieldrin	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007

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Page 4 of 7

Reference Number 1914626-1
Sampling Date Feb 08, 2019
Sample Description RDT-PDR-PTC-001 : Paddy Rice (AE)
Condition of Sample Packed in one plastic zip bag
Date of Analysis Feb 13, 2019

Analyte	Unit	LOD	Result	Guideline Limit	Method
Pesticides - Organochlorine Group					
cis- and trans-chlordane	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
DDT (p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-DDD)	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Endrin (endrin and delta-keto-endrin)	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Heptachlor (heptachlor and heptachlor epoxide)	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Hexachlorobenzene	mg/kg	0.001	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Pesticides - Organophosphate Group					
Azinphos-ethyl	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Chlorpyrifos	mg/kg	0.01	Not Detected	≤0.5	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Dichlofos (DDVP)	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Diazinon	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Dicrotophos	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Dimethoate	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007

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Page 5 of 7

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Date of Analysis Feb 13, 2019

Analyte	Unit	LOD	Result	Guideline Limit	Method
Pesticides - Organophosphate Group					
EPN	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Ethion	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Fenitrothion	mg/kg	0.01	Not Detected	≤6	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Malathion	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Methamidophos	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Methidathion	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Mevinphos	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Monocrotophos	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Omethoate	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Parathion-ethyl	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Parathion-methyl	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007

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Page 6 of 7

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Condition of Sample	Packed in one plastic zip bag
Date of Analysis	Feb 13, 2019

Analyte	Unit	LOD	Result	Guideline Limit	Method
Pesticides - Organophosphate Group					
Phosalone	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Pirimiphos-ethyl	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Pirimiphos-methyl	mg/kg	0.01	Not Detected	≤7	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Profenofos	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Prothiophos	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Triazophos	mg/kg	0.01	Not Detected	No Standard	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Acephate	mg/kg	0.01	Not Detected	≤1	In-house method STM No. 03-034 based on Journal of AOAC International, Vol.90, No.2, 2007
Pesticides - Pyrethroid Group					
Bifenthrin	mg/kg	0.005	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Cyfluthrin	mg/kg	0.005	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Cypermethrin	mg/kg	0.005	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Deltamethrin	mg/kg	0.005	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007

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Analyte	Unit	LOD	Result	Guideline Limit	Method
Pesticides - Pyrethroid Group					
Fenvalerate	mg/kg	0.005	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Permethrin	mg/kg	0.005	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007
Lamda-Cyhalothrin	mg/kg	0.005	Not Detected	No Standard	In-house method STM No. 03-033 based on Journal of AOAC International, Vol.90, No.2, 2007

Guideline: Notification of The Ministry of Public Health No. 387 B.E. 2560

Remark :

1. LOD : Limit of Detection
2. "<" : Lower than LOQ (Limit of Quantitation)
3. Analyte(s) marked * is/are not included in scope of Accreditation.

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