

Department of Food Safety
Government of NCT of Delhi
A-20, Lawrence Road Industrial Area
Delhi 110035

Dated: 07.04.2015

**Consolidated Report of Fruits & Vegetables samples analysed
for Pesticide Residues in compliance to
Hon'ble High Court of Delhi Order dated 05.03.2014**

After the order of Hon'ble High Court of Delhi dated 05.03.2014 the Department of Food Safety lifted various fruit and vegetable samples for pesticide residue analysis. A total of 2686 samples were got analysed for the presence of pesticide residues from State Grading Laboratory of Directorate of Agricultural Marketing. Out of these samples, 776 samples were lifted by Food Safety Department and rest 1910 samples were lifted by Directorate of Agricultural Marketing. Out of these fruit and vegetable samples, 127 samples were detected having pesticide residues within the FSSA Limits and ten samples were found having pesticide residues across the FSSA Limits. The details of these six samples are as follows:-

S. No.	Name of Fruit/ Vegetable	Pesticide detected above FSS Limit
1	Mausmi	Fenthion
2	Pear	Fenthion
3	French Beans	Fenthion
4	Apple	Carbaryl, Fenthion
5	Orange	Fenthion
6	Bottle Gourd	Heptachlor
7	Bottle Gourd	Monocrotophos
8	Cabbage	Chlorpyriphos
9	Green Onion	Monocrotophos
10	Cauliflower	Chlorpyriphos

Analysis reports of these ten samples having pesticide residue above FSS Limit are annexed herewith.


(S.M. BHARDWAJ)
Food Analyst

STATE GRADING LABORATORY (F&V)

DIRECTORATE OF AGRICULTURAL MARKETING
GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHITEST CERTIFICATE

Sampling Details				Report No.	: 201406206003
Date of sampling:	:	-	Sampling Plan & Procedure No	:	SGL/DR/QM/023
Location of sampling	:	-	Sample Description	:	French Beans
Name & Address of Customer	:	Food Laboratory, Dept. of Food Safety, Delhi-35.	Environmental condition	:	Ambient
Sample collected by	:	Customer	Sample Quantity	:	250 gm
Sample Lot No./ Batch No.	:	SV-721	Deviation from procedure	:	-
				Date of Report	: 27.06.2014
				Remained samples	: Consumed
				Date of Receipt	: 20.06.2014
				Analysis Start Date	: 24.06.2014
				Analysis End Date	: 27.06.2014

Results of Analysis

S. No	Parameters	Units	Results	LOQ	Test Method	FSSA Specification
<u>Pesticides</u>						
1.	Aldicarb	mg / kg	Below LOQ	0.5	AOAC:970.52	N.S.
2.	Monocrotophos	mg / kg	Below LOQ	0.05	AOAC:970.52	0.2
3.	Phorate	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
4.	α - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
5.	Thiometon	mg / kg	Below LOQ	0.05	AOAC:970.52	0.5
6.	Dimethoate	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
7.	β - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
8.	Lindane	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
9.	δ - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
10.	Formothion	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
11.	Methyl Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
12.	Carbaryl	mg / kg	Below LOQ	0.20	AOAC:970.52	5.0
13.	Heptachlor	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
14.	Fenitrothion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.3
15.	Aldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
16.	Malathion	mg / kg	Below LOQ	0.1	AOAC:970.52	3.0
17.	Fenthion	mg / kg	0.14	0.1	AOAC:970.52	0.1
18.	Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.5
19.	Chlorpyrifos	mg / kg	Below LOQ	0.05	AOAC:970.52	0.2
20.	α , p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
21.	α - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
22.	Dieldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
23.	p, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
24.	α , p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
25.	β - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
26.	p, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
27.	Ethion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
28.	Captafol	mg / kg	Below LOQ	5.0	AOAC:970.52	N.S

LOQ = Limit of Quantification

NS = Not Specified

Note:- Fenthion (0.14mg/kg) was detected & found above FSSA Specification limits.Sundhya
Analyst

Checked By

State Grading Laboratory (F&V)
Directorate of Agricultural Marketing

Note: - 1. The results listed refer only to the tested samples Lot No. / Batch No. & Quantity and applicable parameters. 2. Samples will be destroyed after seven days of reporting. 3. This report cannot be used in part or full in any media without prior permission.

49, SHAM NATH MARG, OLD SECTT., DELHI-110054.

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STATE GRADING LABORATORY (F&V)

DIRECTORATE OF AGRICULTURAL MARKETING
GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHITEST CERTIFICATE

Sampling Details				Report No.	201406206019
Date of sampling:	-	Sampling Plan & Procedure No	SGL/DR/QM/023	Date of Report	27.06.2014
Location of sampling	-	Sample Description	Mousambi	Remained samples	Consumed
Name & Address of Customer	Food Laboratory, Dept. of Food Safety, Delhi-35.	Environmental condition	Ambient	Date of Receipt	20.06.2014
Sample collected by	Customer	Sample Quantity	250 gm	Analysis Start Date	24.06.2014
Sample Lot No./ Batch No.	SV-737	Deviation from procedure	-	Analysis End Date	27.06.2014

Results of Analysis

S. No	Parameters	Units	Results	LOQ	Test Method	FSSA Specification
Pesticides						
1.	Aldicarb	mg / kg	Below LOQ	0.5	AOAC:970.52	N.S
2.	Monocrotophos	mg / kg	Below LOQ	0.05	AOAC:970.52	0.2
3.	Phorate	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
4.	α - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
5.	Thiometon	mg / kg	Below LOQ	0.05	AOAC:970.52	0.5
6.	Dimethoate	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
7.	β - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
8.	Lindane	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
9.	δ - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
10.	Formothion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.2
11.	Methyl Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.2
12.	Carbaryl	mg / kg	Below LOQ	0.20	AOAC:970.52	N.S
13.	Heptachlor	mg / kg	Below LOQ	0.05	AOAC:970.52	N.S
14.	Fenitrothion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.5
15.	Aldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
16.	Malathion	mg / kg	Below LOQ	0.1	AOAC:970.52	4.0
17.	Fenthion	mg / kg	0.06	0.1	AOAC:970.52	N.S
18.	Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.5
19.	Chlorpyrifos	mg / kg	Below LOQ	0.05	AOAC:970.52	0.5
20.	o, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
21.	α - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
22.	Dieldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
23.	p, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
24.	o, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
25.	β - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
26.	p, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
27.	Ethion	mg / kg	0.04	0.1	AOAC:970.52	2.0
28.	Captafol	mg / kg	Below LOQ	5.0	AOAC:970.52	N.S

LOQ = Limit of Quantification

NS = Not Specified

Note:- Fenthion (0.06mg/kg) & Ethion (0.04mg/kg) were detected but Fenthion was detected below LOQ & Ethion was within FSSA Specification Limits.Sandhya
Analyst

Checked By

State Grading Laboratory (F&V)
Directorate of Agricultural Marketing

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STATE GRADING LABORATORY (F&V)

**DIRECTORATE OF AGRICULTURAL MARKETING
GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**

TEST CERTIFICATE

Sampling Details				Report No.	201406246067
Date of sampling:	-	Sampling Plan & Procedure No	SGL/DR/QM/023	Date of Report	01.07.2014
Location of sampling	-	Sample Description	Pear	Remained samples	Consumed
Name & Address of Customer	Food Laboratory, Dept. of Food Safety, Delhi-35.	Environmental condition	Ambient	Date of Receipt	24.06.2014
Sample collected by	Customer	Sample Quantity	250 gm	Analysis Start Date	26.06.2014
Sample Lot No./ Batch No.	SV-756	Deviation from procedure	-	Analysis End Date	01.07.2014

Results of Analysis

S. No	Parameters	Units	Results	LOQ	Test Method	FSSA Specification
	Pesticides					
1.	Aldicarb	mg / kg	Below LOQ	0.5	AOAC:970.52	N.S
2.	Monocrotophos	mg / kg	Below LOQ	0.05	AOAC:970.52	1.0
3.	Phorate	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
4.	α- HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
5.	Thiometon	mg / kg	Below LOQ	0.05	AOAC:970.52	0.5
6.	Dimethoate	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
7.	β – HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
8.	Lindane	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
9.	δ – HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
10.	Formothion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
11.	Methyl Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.2
12.	Carbaryl	mg / kg	Below LOQ	0.20	AOAC:970.52	N.S
13.	Heptachlor	mg / kg	Below LOQ	0.05	AOAC:970.52	N.S
14.	Fenitrothion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.5
15.	Aldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
16.	Malathion	mg / kg	Below LOQ	0.1	AOAC:970.52	4.0
17.	Fenthion	mg / kg	0.06	0.1	AOAC:970.52	N.S
18.	Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.5
19.	Chlorpyrifos	mg / kg	Below LOQ	0.05	AOAC:970.52	0.5
20.	o, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
21.	α - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
22.	Dieldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
23.	p, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
24.	o, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
25.	β – Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
26.	p, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
27.	Ethion	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
28.	Captafol	mg / kg	Below LOQ	5.0	AOAC:970.52	N.S

LOQ = Limit of Quantification

NS = Not Specified

Note:- Fenthion (0.06mg/kg) was detected but found below LOQ.

Sandhya
Analyst

Kalita
Checked By
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Delhi-110054

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STATE GRADING LABORATORY (F&V)

DIRECTORATE OF AGRICULTURAL MARKETING
GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**TEST CERTIFICATE**

Sampling Details				Report No.	201411217126
Date of sampling:	-	Sampling Plan & Procedure No	SGL/DR/QM/023	Date of Report	26.11.2014
Location of sampling	-	Sample Description	Apple	Remained samples	Consumed
Name & Address of Customer	Food Laboratory, Dept. of Food Safety, Delhi-35.	Environmental condition	Ambient	Date of Receipt	21.11.2014
Sample collected by	Customer	Sample Quantity	250 gm	Analysis Start Date	24.11.2014
Sample Lot No./ Batch No.	SV-101	Deviation from procedure	-	Analysis End Date	26.11.2014

Results of Analysis

S. No	Parameters	Units	Results	LOQ	Test Method	FSSA Specification
	Pesticides					
1.	Aldicarb	mg / kg	Below LOQ	0.5	AOAC:970.52	N.S
2.	Monocrotophos	mg / kg	Below LOQ	0.05	AOAC:970.52	1.0
3.	Phorate	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
4.	α - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
5.	Thiometon	mg / kg	Below LOQ	0.05	AOAC:970.52	0.5
6.	Dimethoate	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
7.	β - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
8.	Lindane	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
9.	δ - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
10.	Formothion	mg / kg	0.17	0.1	AOAC:970.52	1.0
11.	Methyl Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.2
12.	Carbaryl	mg / kg	0.03	0.20	AOAC:970.52	N.S
13.	Heptachlor	mg / kg	Below LOQ	0.05	AOAC:970.52	N.S
14.	Fenitrothion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.5
15.	Aldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
16.	Malathion	mg / kg	Below LOQ	0.1	AOAC:970.52	4.0
17.	Fenthion	mg / kg	0.06	0.1	AOAC:970.52	N.S
18.	Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.5
19.	Chlorpyrifos	mg / kg	Below LOQ	0.05	AOAC:970.52	0.5
20.	o, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
21.	α - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
22.	Dieldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
23.	p, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
24.	o, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
25.	β - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
26.	p, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
27.	Ethion	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
28.	Captafol	mg / kg	Below LOQ	5.0	AOAC:970.52	N.S

LOQ = Limit of Quantification

NS = Not Specified

Note:- Formothion(0.17mg/kg), Carbaryl(0.03mg/kg) were detected but found within FSSA Specification Limits & Fenthion(0.06mg/kg) was found below LOQ.Sandhya
Analyst


Checked By
 State Grading Laboratory (F&V)
 Directorate of Agricultural Marketing
 Govt. of N.C.T. of Delhi
 Delhi-110054

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STATE GRADING LABORATORY (F&V)

DIRECTORATE OF AGRICULTURAL MARKETING
GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**TEST CERTIFICATE**

Sampling Details				Report No.	201411217127
Date of sampling:	-	Sampling Plan & Procedure No	SGL/DR/QM/023	Date of Report	26.11.2014
Location of sampling	-	Sample Description	Orange	Remained samples	Consumed
Name & Address of Customer	Food Laboratory, Dept. of Food Safety, Delhi-35.	Environmental condition	Ambient	Date of Receipt	21.11.2014
Sample collected by	Customer	Sample Quantity	250 gm	Analysis Start Date	24.11.2014
Sample Lot No./ Batch No.	SV-102	Deviation from procedure	-	Analysis End Date	26.11.2014

Results of Analysis

S. No	Parameters	Units	Results	LOQ	Test Method	FSSA Specification
	Pesticides					
1.	Aldicarb	mg / kg	Below LOQ	0.5	AOAC:970.52	N.S
2.	Monocrotophos	mg / kg	Below LOQ	0.05	AOAC:970.52	0.2
3.	Phorate	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
4.	α - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
5.	Thiometon	mg / kg	Below LOQ	0.05	AOAC:970.52	0.5
6.	Dimethoate	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
7.	β - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
8.	Lindane	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
9.	δ - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
10.	Formothion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.2
11.	Methyl Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.2
12.	Carbaryl	mg / kg	Below LOQ	0.20	AOAC:970.52	N.S
13.	Heptachlor	mg / kg	Below LOQ	0.05	AOAC:970.52	N.S
14.	Fenitrothion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.5
15.	Aldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
16.	Malathion	mg / kg	Below LOQ	0.1	AOAC:970.52	4.0
17.	Fenthion	mg / kg	0.06	0.1	AOAC:970.52	N.S
18.	Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.5
19.	Chlorpyrifos	mg / kg	Below LOQ	0.05	AOAC:970.52	0.5
20.	o, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
21.	α - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
22.	Dieldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
23.	p, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
24.	o, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
25.	β - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
26.	p, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
27.	Ethion	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
28.	Captafol	mg / kg	Below LOQ	5.0	AOAC:970.52	N.S

LOQ = Limit of Quantification

NS = Not Specified

Note:- Fenthion(0.06mg/kg) were detected but found below LOQ.Sandeepa
Analyst

Checked By

State Grading Laboratory (F&V)
Directorate of Agricultural Marketing

Govt. of N.C.T. of Delhi

Sham Nath Marg, Old Sectt.,
Delhi-110054

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STATE GRADING LABORATORY (F&V)
DIRECTORATE OF AGRICULTURAL MARKETING
GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

Test Certificate

Report No.	201501167504						
Name & Address of Customer	M/s Giriraj Shanker.Shop No.89: Gazipur Mandi.						
Date of sampling	16.01.2015	Sample Plan & Procedure No.	:	SGL/DR/QM/023	Date of Report	:	23.01.2015
Date of Receipt	16.01.2015	Sample Description	:	Bottle Gourd.	Deviation from procedure	:	-
Location of sampling	APMC	Sample Quantity	:	500 gm	Analysis Start Date	:	19.01.2015
Sample Collected by	SGL (F&V)	Remained samples	:	Consumed	Analysis End Date	:	23.01.2015

Results of Analysis

S. No	Parameters	Units	Results	LOQ	Test Method	FSSA Specification
	<u>Pesticides</u>					
1.	Aldicarb	mg / kg	Below LOQ	0.5	AOAC:970.52	N.S.
2.	Monocrotophos	mg / kg	Below LOQ	0.05	AOAC:970.52	0.2
3.	Phorate	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
4.	α- HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
5.	Thiometon	mg / kg	Below LOQ	0.05	AOAC:970.52	0.5
6.	Dimethoate	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
7.	β - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
8.	Lindane	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
9.	δ - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
10.	Formothion	mg / kg	0.04	0.1	AOAC:970.52	2.0
11.	Methyl Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
12.	Carbaryl	mg / kg	Below LOQ	0.20	AOAC:970.52	5.0
13.	Heptachlor	mg / kg	0.06	0.05	AOAC:970.52	0.05
14.	Fenitrothion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.2
15.	Aldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
16.	Malathion	mg / kg	Below LOQ	0.1	AOAC:970.52	3.0
17.	Fenthion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
18.	Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.5
19.	Chlorpyrifos	mg / kg	Below LOQ	0.05	AOAC:970.52	0.2
20.	o, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
21.	α - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
22.	Dieldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
23.	p, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
24.	o, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
25.	β - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
26.	p, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
27.	Ethion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
28.	Captafol	mg / kg	Below LOQ	5.0	AOAC:970.52	N.S

LOQ -Limit of Quantification

NS = Not Specified

Note:- Formothion(0.04mg/kg) was detected within FSSA Specification Limits & **Heptachlor(0.06mg/kg)** was detected above FSSA Specification limits.

Singh
Analyst

Kalita
Checked By

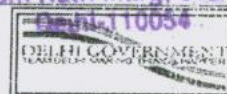
State Grading Laboratory (F&V)
 Directorate of Agricultural Marketing
 Govt. of Delhi
 49, Sham Nath Marg, Old Sectt.,

Note: - 1. The results listed refer only to the tested samples Lot No. / Batch No. & Quantity and applicable parameters. 2. Samples of Delhi destroyed after seven days of reporting. 3. This report cannot be used in part or full in any media without prior permission.

49, SHAM NATH MARG, OLD SECTT., DELHI-110054.

Phone No. 23818313 Fax No. 23818298 E-Mail-ID: dagri@sansad.nic.in

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STATE GRADING LABORATORY (F&V)
DIRECTORATE OF AGRICULTURAL MARKETING
GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

Test Certificate

Report No.	201410076773					
Name & Address of Customer	M/s Balaji Fruit Agency, D-1360: Azadpur Mandi.					
Date of sampling	07.10.2014	Sample Plan & Procedure No.	:	SGL/DR/QM/023	Date of Report	: 15.10.2014
Date of Receipt	07.10.2014	Sample Description	:	Bottle Gourd.	Deviation from procedure	: -
Location of sampling	APMC	Sample Quantity	:	500 gm	Analysis Start Date	: 09.10.2014
Sample Collected by	SGL (F&V)	Remained samples	:	Consumed	Analysis End Date	: 15.10.2014

Results of Analysis

S. No	Parameters	Units	Results	LOQ	Test Method	FSSA Specification
	Pesticides					
1.	Aldicarb	mg / kg	Below LOQ	0.5	AOAC:970.52	N.S.
2.	Monocrotophos	mg / kg	0.29	0.05	AOAC:970.52	0.2
3.	Phorate	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
4.	α - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
5.	Thiometon	mg / kg	Below LOQ	0.05	AOAC:970.52	0.5
6.	Dimethoate	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
7.	β - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
8.	Lindane	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
9.	δ - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
10.	Formothion	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
11.	Methyl Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
12.	Carbaryl	mg / kg	Below LOQ	0.20	AOAC:970.52	5.0
13.	Heptachlor	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
14.	Fenitrothion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.3
15.	Aldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
16.	Malathion	mg / kg	Below LOQ	0.1	AOAC:970.52	3.0
17.	Fenthion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
18.	Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.5
19.	Chlorpyrifos	mg / kg	Below LOQ	0.05	AOAC:970.52	0.2
20.	o, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
21.	α - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
22.	Dieldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
23.	p, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
24.	o, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
25.	β - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
26.	p, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
27.	Ethion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
28.	Captafol	mg / kg	Below LOQ	5.0	AOAC:970.52	N.S

LOQ -Limit of Quantification
 NS = Not Specified

Note:- Monocrotophos(0.29mg/kg) was detected & found above FSSA Specification Limits.

Singh
Analyst

Latika
Checked By

State Grading Laboratory (F&V)
 Directorate of Agricultural Marketing
 Govt. of N.C.T. of Delhi
 Marg, Old Sectt.,
 Delhi-110054

Note: - 1. The results listed refer only to the tested samples Lot No. / Batch No. & Quantity and applicable parameters. 2. Samples will be destroyed after seven days of reporting. 3. This report cannot be used in part or full in any media without prior permission.

49, SHAM NATH MARG, OLD SECTT., DELHI-110054.
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 Website: <http://agriculturalmarketing.delhigovt.nic.in>



STATE GRADING LABORATORY (F&V)
DIRECTORATE OF AGRICULTURAL MARKETING
GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

Test Certificate

Report No.	201409266734						
Name & Address of Customer	M/s Kishan Lal & Shyam Lal, Shop No.B-45; Gazipur Mandi.						
Date of sampling	26.09.2014	Sample Plan & Procedure No.	:	SGL/DR/QM/023	Date of Report	:	07.10.2014
Date of Receipt	26.09.2014	Sample Description	:	Cabbage	Deviation from procedure	:	-
Location of sampling	APMC	Sample Quantity	:	500 gm	Analysis Start Date	:	29.09.2014
Sample Collected by	SGL (F&V)	Remained samples	:	Consumed	Analysis End Date	:	07.10.2014

Results of Analysis

S. No	Parameters	Units	Results	LOQ	Test Method	FSSA Specification
	<u>Pesticides</u>					
1.	Aldicarb	mg / kg	Below LOQ	0.5	AOAC:970.52	N.S.
2.	Monocrotophos	mg / kg	Below LOQ	0.05	AOAC:970.52	0.2
3.	Phorate	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
4.	α - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
5.	Thiometon	mg / kg	Below LOQ	0.05	AOAC:970.52	0.5
6.	Dimethoate	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
7.	β - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
8.	Lindane	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
9.	δ - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
10.	Formothion	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
11.	Methyl Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
12.	Carbaryl	mg / kg	Below LOQ	0.20	AOAC:970.52	5.0
13.	Heptachlor	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
14.	Fenitrothion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.3
15.	Aldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
16.	Malathion	mg / kg	Below LOQ	0.1	AOAC:970.52	3.0
17.	Fenthion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
18.	Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.5
19.	Chlorpyrifos	mg / kg	0.03	0.05	AOAC:970.52	0.01
20.	o, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
21.	α - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
22.	Dieldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
23.	p, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
24.	o, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
25.	β - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
26.	p, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
27.	Ethion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
28.	Captafol	mg / kg	Below LOQ	5.0	AOAC:970.52	N.S

LOQ -Limit of Quantification

NS = Not Specified

Note:- Chlorpyrifos (0.03mg/kg) was detected and found above FSSA Specification Limits.

Sandhya
Analyst

Kalita
Checked By

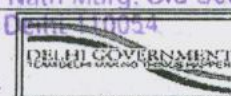
State Grading Laboratory (F&V)
 Directorate of Agricultural Marketing
 Govt. of NCT of Delhi
 49, Sham Nath Marg, Old Sectt.,
 Delhi-110054

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49, SHAM NATH MARG, OLD SECTT., DELHI-110054.

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Website: <http://agriculturalmarketing.delhigovt.nic.in>



STATE GRADING LABORATORY (F&V)
DIRECTORATE OF AGRICULTURAL MARKETING
GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

Test Certificate

Report No.	201410176831					
Name & Address of Customer	M/s Pradeep Kr, Shop No.J-18; Gazipur Mandi.					
Date of sampling	17.10.2014	Sample Plan & Procedure No.	:	SGL/DR/QM/023	Date of Report	: 24.10.2014
Date of Receipt	17.10.2014	Sample Description	:	Green Onion	Deviation from procedure	: -
Location of sampling	APMC	Sample Quantity	:	500 gm	Analysis Start Date	: 20.10.2014
Sample Collected by	SGL (F&V)	Remained samples	:	Consumed	Analysis End Date	: 24.10.2014

Results of Analysis

S. No	Parameters	Units	Results	LOQ	Test Method	FSSA Specification
	Pesticides					
1.	Aldicarb	mg / kg	Below LOQ	0.5	AOAC:970.52	N.S.
2.	Monocrotophos	mg / kg	0.17	0.05	AOAC:970.52	0.1
3.	Phorate	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
4.	α- HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
5.	Thiometon	mg / kg	Below LOQ	0.05	AOAC:970.52	0.5
6.	Dimethoate	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
7.	β - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
8.	Lindane	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
9.	δ - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
10.	Formothion	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
11.	Methyl Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
12.	Carbaryl	mg / kg	Below LOQ	0.20	AOAC:970.52	5.0
13.	Heptachlor	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
14.	Fenitrothion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.3
15.	Aldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
16.	Malathion	mg / kg	Below LOQ	0.1	AOAC:970.52	3.0
17.	Fenthion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.1
18.	Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.5
19.	Chlorpyrifos	mg / kg	Below LOQ	0.05	AOAC:970.52	0.01
20.	o, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
21.	α - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
22.	Dieldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
23.	p, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
24.	o, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
25.	β - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
26.	p, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
27.	Ethion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
28.	Captafol	mg / kg	Below LOQ	5.0	AOAC:970.52	N.S

LOQ -Limit of Quantification
NS = Not Specified

Note:- Monocrotophos(0.17mg/kg) was detected and found above FSSA Specification Limits.

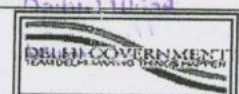
Sandhya
Analyse

Checked By

State Grading Laboratory (F&V)
Directorate of Agricultural Marketing
Govt. of Delhi
49, Sham Nath Marg, Old Seckt., Delhi-110054

Note: - 1. The results listed refer only to the tested samples Lot No. / Batch No. & Quantity and applicable parameters. 2. Samples will be destroyed after seven days of reporting. 3. This report cannot be used in part or full in any media without prior permission.

49, SHAM NATH MARG, OLD SECTT., DELHI-110054.
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Website: <http://agriculturalmarketing.delhigovt.nic.in>



STATE GRADING LABORATORY (F&V)
DIRECTORATE OF AGRICULTURAL MARKETING
GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

Test Certificate

Report No.	201410166816					
Name & Address of Customer	M/s Uttam Chand & Sons, Shop No.43; Keshopur Mandi.					
Date of sampling	16.10.2014	Sample Plan & Procedure No.	:	SGL/DR/QM/023	Date of Report	: 24.10.2014
Date of Receipt	16.10.2014	Sample Description	:	Cauliflower	Deviation from procedure	: -
Location of sampling	APMC	Sample Quantity	:	500 gm	Analysis Start Date	: 17.10.2014
Sample Collected by	SGL (F&V)	Remained samples	:	Consumed	Analysis End Date	: 24.10.2014

Results of Analysis


S. No	Parameters	Units	Results	LOQ	Test Method	FSSA Specification
	<u>Pesticides</u>					
1.	Aldicarb	mg / kg	Below LOQ	0.5	AOAC:970.52	N.S.
2.	Monocrotophos	mg / kg	Below LOQ	0.05	AOAC:970.52	0.2
3.	Phorate	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
4.	α - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
5.	Thiometon	mg / kg	Below LOQ	0.05	AOAC:970.52	0.5
6.	Dimethoate	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
7.	β - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
8.	Lindane	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
9.	δ - HCH	mg / kg	Below LOQ	0.02	AOAC:970.52	1.0
10.	Formothion	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
11.	Methyl Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
12.	Carbaryl	mg / kg	Below LOQ	0.20	AOAC:970.52	5.0
13.	Heptachlor	mg / kg	Below LOQ	0.05	AOAC:970.52	0.05
14.	Fenitrothion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.3
15.	Aldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
16.	Malathion	mg / kg	Below LOQ	0.1	AOAC:970.52	3.0
17.	Fenthion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
18.	Parathion	mg / kg	Below LOQ	0.1	AOAC:970.52	0.5
19.	Chlorpyrifos	mg / kg	0.05	0.05	AOAC:970.52	0.01
20.	o, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
21.	α - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
22.	Dieldrine	mg / kg	Below LOQ	0.05	AOAC:970.52	0.1
23.	p, p DDE	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
24.	o, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
25.	β - Endosulfan	mg / kg	Below LOQ	0.1	AOAC:970.52	2.0
26.	p, p DDD	mg / kg	Below LOQ	0.1	AOAC:970.52	3.5
27.	Ethion	mg / kg	Below LOQ	0.1	AOAC:970.52	1.0
28.	Captafol	mg / kg	Below LOQ	5.0	AOAC:970.52	N.S

LOQ -Limit of Quantification

NS = Not Specified

Note:- Chlorpyrifos(0.05mg/kg) was detected and found above FSSA Specification Limits.


Analyst


Checked By

State Grading Laboratory (F&V)
 Directorate of Agricultural Marketing

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