



Idma Laboratories Limited

(A Government Approved Test House)

NABL/MOEF/BIS/State Pollution Boards/Drug & Cosmetic Act/ISO 9001; 14001; 18001 Certified



TEST REPORT

| | | | |
|----------------------------------|---|------------------------|--------------|
| Ref. No. IL/D- 2036 | Date 3.8.15 | Lab No. 010815L-PP-001 | Page No. 1/2 |
| Customer | Senior Plant Protection Officer Village Challaunti Sanjauli Director of Horticulture Nav Bahar Shimla Himachal Pradesh | | |
| Type of Sample | Malathion 50% EC | | |
| Work Order No. | NIL | Dated | 01/08/2015 |
| Customer's Description of Sample | Malathion 50% EC (B. No.R15072401) | | |
| Quantity | 250 ml | | |
| Packing, Markings, Seal | Carton Box Malathion 50% EC | | |
| Mode of Receipt of Sample | By Hand | | |
| Date of Receipt of Sample | 01/08/2015 | | |
| Period of Analysis | 01/08/2015 To 03/08/2015 | Date of Mfg. | 24/07/2015 |
| Date of Reporting | 03/08/2015 | Date of Expiry | 23/01/2017 |
| Visual Observation | N/A | | |
| Testing Protocol | IS:2567-1978(R -2002) Amdt.02 | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|-------------------------------|-------|---|--|---------------------|
| 1 | Discription | -- | Yellow colour clear stable and homogeneous liquid free from sediment and suspended matter. It form an emulsion on dilution with water suitable for spray. | The Material shall be in the form of clear stable & homogenous liquid free from sediment. Suspended matter shall be negligible. It shall form an emulsion on dilution with water suitable for spray. | IS:2567 -1978 |
| 2 | Cold test 10deg C (For 1 hrs) | -- | No turbidity or sepration of solid or oily matter or both occured at the end of the test. | No turbidity or separation of solid or oily matter or both shall occur at the end of the test | IS:6940 -1982 |
| 3 | Flash Point (Abel) | deg C | 62 | above 24.5 | IS:1448 (P-20) 1998 |
| 4 | Malathion Content | %m/m | 50.14 | +5 % -3% of the nominal value (50) | IS:1832 -1978 |
| 5 | Acidity (as H2SO4) | %m/m | 0.02 | Max 0.5 | IS:6940 -1982 |





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Certificate No. : T-0187

TEST REPORT

| | | | |
|---------------------|-------------|------------------------|--------------|
| Ref. No. IL/D- 2036 | Date 3-8-15 | Lab No. 010815L-PP-001 | Page No. 2/2 |
|---------------------|-------------|------------------------|--------------|

Opinion : The submitted sample of malathion 50% EC conforms to IS:2567-1978 with respect to the above tests.

****End of Report****

For Idma Laboratories Limited

Authorized Signatory
TM/II/III

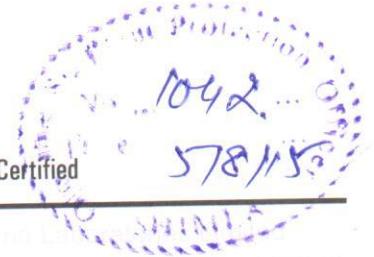




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TEST REPORT

| | | | |
|----------------------------------|---|-------------------------|--------------|
| Ref. No. IL/D- 1979 | Date 24.7.15 | Lab No. 220715NL-PN-001 | Page No. 1/2 |
| Customer | Senior Plant Protection Officer Village Challaunti Sanjauli Director of Horticulture Nav Bahar Shimla Himachal Pradesh | | |
| Type of Sample | Fenazaquin10%EC | | |
| Work Order No. | NIL | Dated | 20/07/2015 |
| Customer's Description of Sample | Fenazaquin10%EC, (MAJESTIC) Batch No. FIL/MJC-044 | | |
| Quantity | 100 ml | | |
| Packing, Markings, Seal | Sealed | | |
| Mode of Receipt of Sample | By Hand | | |
| Date of Receipt of Sample | 22/07/2015 | | |
| Period of Analysis | 22/07/2015 To 24/07/2015 | Date of Mfg. | 13/07/2015 |
| Date of Reporting | 24/07/2015 | Date of Expiry | 12/07/2017 |
| Visual Observation | | | |
| Testing Protocol | Product specification | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|-------|--|---|--------------|
| 1 | Description | | Yellow colour homogeneous stable liquid free from sediment and suspended matter .It forms an emulsion on dilution with water suitable for spray. | Material shall be homogeneous stable liquid free from sediment and suspended matter .It shall form an emulsion on dilution with water suitable for spray. | |
| 2 | Cold test 10 degree C | | No turbidity or sepration of solid or oily matter or both occurred at the end of the test. | There shall be no turbidity or sepration of solid or oily matter or both occurred at the end of the test. | IS:6940-1982 |
| 3 | Emulsion stability (of 100 ml emulsion prepared with standard hard water) | ml | Creaming-Nil Sediment-Nil Any sepration-Nil | Creaming Max. 2.0 Sediment Max.2.0 Total Max.2.0 | IS:6940-1982 |
| 4 | Fenazaquin Content | % | 10.04 | +/- 5 % of nominal value (10.0) | IHM |



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TEST REPORT

| | | | | | | |
|---------------------|--------------------|-------|---------|----------------|-----------------|--------------|
| Ref. No. IL/D- 1979 | | Date | 24.7.15 | Lab No. | 220715NL-PN-001 | Page No. 2/2 |
| S.No. | Test Parameter | Units | Results | Specifications | Test Method | |
| 5 | Acidity (as H2so4) | % | 0.02 | Max. 0.5 | IS:6940-1982 | |

Opinion : The submitted Sample of Fenazaquin 10% EC Conforms to Product Specification with respect to above tests

****End of Report****

For Idma Laboratories Limited

Authorized Signatory



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Certificate No. T-0187

TEST REPORT

| | | | | | |
|----------------------------------|---|---------|----------------|----------------|------------|
| Ref. No. IL/D-2686 | Date 25.8.15 | Lab No. | 210815L-PP-003 | Page No. 1/2 | |
| Customer | Director of Horticulture Nav Bahar Shimla Himachal Pradesh | | | | |
| Type of Sample | Malathion 50% EC | | | | |
| Work Order No. | NIL | | | Dated | 21/08/2015 |
| Customer's Description of Sample | Malathion 50% EC (Batch No. R15081101) | | | | |
| Quantity | 250 MI | | | | |
| Packing, Markings, Seal | Sealed Tin Jar | | | | |
| Mode of Receipt of Sample | By Hand | | | | |
| Date of Receipt of Sample | 21/08/2015 | | | | |
| Period of Analysis | 21/08/2015 To 22/08/2015 | | | Date of Mfg. | 11/08/2015 |
| Date of Reporting | 22/08/2015 | | | Date of Expiry | 10/02/2017 |
| Visual Observation | N/A | | | | |
| Testing Protocol | IS:2567-1978, R-2002 | | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|-------|---|---|---------------------|
| 1 | Discription | -- | Yellow colour clear stable and homogeneous liquid free from sediment and suspended matter .It form an emulsion on dilution with water suitable for spray. | The Material shall be in the form of clear stable & homogenous liquid free from sediment. Suspended matter shall be negligible. It shall form an emulsion on dilution with water suitable for spray . | IS:2567 -1978 |
| 2 | Cold test 10deg C (For 1 hrs) | -- | No turbidity or sepration of solid or oily matter or both occured at the end of the test. | No turbidity or separation of solid or oily matter or both shall occur at the end of the test | IS:6940 -1982 |
| 3 | Flash Point (Abel) (of 100ml emulsion prepared with std.hard water & kept for 1 hours at 30+/-1 deg C | deg C | 55 | above 24.5 | IS:1448 (P-20) 1998 |
| 4 | Malathion Content | %m/m | 50.13 | +5 % -3% of the nominal value (50) | IS:1832 -1978 |
| 5 | Acidity (as H2SO4) | %m/m | 0.02 | Max 0.5 | IS:6940 -1982 |



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TEST REPORT

| | | | |
|----------------------------|---------------------|------------------------|--------------|
| Ref. No. IL/D- 2686 | Date 25.8.15 | Lab No. 210815L-PP-003 | Page No. 2/2 |
|----------------------------|---------------------|------------------------|--------------|

Opinion : The submitted sample of Malathion 50% EC conforms to IS:2657-1978, R-2002 with respect to above tests.

****End of Report****

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TEST REPORT

| | | | | |
|----------------------------------|---|---------|----------------|--------------|
| Ref. No. IL/D- 2687 | Date 25.8.15 | Lab No. | 210815L-PP-004 | Page No. 1/2 |
| Customer | Director of Horticulture Nav Bahar Shimla Himachal Pradesh | | | |
| Type of Sample | Malathion 50% EC | | | |
| Work Order No. | NIL | | Dated | 21/08/2015 |
| Customer's Description of Sample | Malathion 50 % EC (Batch No. R15072802(| | | |
| Quantity | 250 ml | | | |
| Packing, Markings, Seal | Sealed Tin Jar | | | |
| Mode of Receipt of Sample | By Hand | | | |
| Date of Receipt of Sample | 21/08/2015 | | | |
| Period of Analysis | 21/08/2015 To 22/08/2015 | | Date of Mfg. | 28/07/2015 |
| Date of Reporting | 22/08/2015 | | Date of Expiry | 27/01/2017 |
| Visual Observation | N/A | | | |
| Testing Protocol | IS:2567-1978, R-2002 | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|-------|--|---|---------------------|
| 1 | Discription | -- | Yellow colour clear stable & homogeneous liquid free from sediment an suspended matter .It form an emulsion on dilution with water suitable for spray. | The Material shall be in the form of clear stable & homogenous liquid free from sediment. Suspended matter shall be negligible. It shall form an emulsion on dilution with water suitable for spray . | IS:2567 -1978 |
| 2 | Cold test 10deg C (For 1 hrs) | -- | No turbidity or sepration of solid or oily matter or both occured at the end of the test. | No turbidity or separation of solid or oily matter or both shall occur at the end of the test | IS:6940 -1982 |
| 3 | Flash Point (Abel) (of 100ml emulsion prepared with std.hard water & kept for 1 hours at 30+/-1 deg C | deg C | 59 | above 24.5 | IS:1448 (P-20) 1998 |
| 4 | Malathion Content | %m/m | 50.09 | +5 % -3% of the nominal value (50) | IS:1832 -1978 |
| 5 | Acidity (as H2SO4) | %m/m | 0.03 | Max 0.5 | IS:6940 -1982 |





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TEST REPORT

| | | | |
|----------------------------|---------------------|------------------------|--------------|
| Ref. No. IL/D- <u>2687</u> | Date <u>25-8-15</u> | Lab No. 210815L-PP-004 | Page No. 2/2 |
|----------------------------|---------------------|------------------------|--------------|

Opinion : The submitted sample of Malathion 50% EC conforms to IS:2567-1978, R-2002 with respect to above tests.

****End of Report****

For Idma Laboratories Limited

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TEST REPORT

| | | | | |
|----------------------------------|---|----------------|----------------|--------------|
| Ref. No. IL/D- 3659 | Date 26-9-15 | Lab No. | 240915L-PP-001 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | | |
| Type of Sample | Chlorpyrifos 20%EC | | | |
| Work Order No. | NIL | | Dated | 23/09/2015 |
| Customer's Description of Sample | Chlorpyrifos 20%EC (Durmet EC) | | | |
| Quantity | 500 ml | | | |
| Packing, Markings, Seal | HDPE Bottle & Further Packed in Paper envelop Duly Sealed | | | |
| Mode of Receipt of Sample | By Hand | | | |
| Date of Receipt of Sample | 24/09/2015 | Batch No. | 15090809 | |
| Period of Analysis | 24/09/2015 To 26/09/2015 | Date of Mfg. | 09/2015 | |
| Date of Reporting | 26/09/2015 | Date of Expiry | 09/2017 | |
| Visual Observation | N/A | | | |
| Testing Protocol | IS:8944-2005 | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|-------|--|--|---------------|
| 1 | Description | -- | Light yellow homogeneous stable liquid free from sediment suspended matter. It form an emulsion on dilution with water suitable for spray. | The material shall be in the form of a homogeneous stable liquid free from sediments. suspended matter shall be negligible. It shall forms an emulsion on dilution with water, suitable for spray. | IS:8944-2005 |
| 2 | Cold Test at 10 deg C (for 1 hr) | - | No turbidity or separation of solid or oily matter or both occurred at the end of the test. | No turbidity or separation of solid or oily matter or both shall occur at the end of the test. | IS:6940-1982 |
| 3 | Flash Point (abel) | Deg.c | 55 | Above 24.5 | IS:1448(P-20) |
| 4 | Emulsion stability (of 100ml emulsion Prepared with standard hard water and kept for 1 hour at 30+1-1 deg C | %m/m | Creaming-Nil, Sediment-Nil, Total separation-Nil | Any separation Including creaming & sediment shall not exceed 2.0ml | IS:6940-1982 |
| 5 | Chlorpyrifos Content | %m/m | 20.06 | +5-5 % of the Nominal value (20) | IS:8963-2006 |
| 6 | Acidity (as H2SO4) | %m/m | 0.01 | Max 0.05 | IS:6940-1982 |

Opinion : The submitted sample of Chlorpyrifos 20%EC Conforms to IS:8944-2005 with respect to the above tests.

End of Report

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TEST REPORT

| | | | | |
|----------------------------------|---|---------|----------------|--------------|
| Ref. No. IL/D- 3660 | Date 26.9.15 | Lab No. | 240915L-PP-002 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | | |
| Type of Sample | Chlorpyriphos 20%EC | | | |
| Work Order No. | NIL | | Dated | 23/09/2015 |
| Customer's Description of Sample | Chlorpyriphos 20%EC (Durmet EC) | | | |
| Quantity | 500 ml | | | |
| Packing, Markings, Seal | HDPE Bottle & Further Packed in Paper envelop Duly Sealed | | | |
| Mode of Receipt of Sample | By Hand | | | |
| Date of Receipt of Sample | 24/09/2015 | | Batch No. | 15091210 |
| Period of Analysis | 24/09/2015 To 26/09/2015 | | Date of Mfg. | 09/2015 |
| Date of Reporting | 26/09/2015 | | Date of Expiry | 09/2017 |
| Visual Observation | N/A | | | |
| Testing Protocol | IS:8944-2005 | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|-------|--|---|---------------|
| 1 | Description | -- | Light yellow homogeneous stable liquid free from sediment suspended matter. It form an emulsion on dilution with water suitable for spray. | The material shall be in the form of a homogeneous stable liquid free from sediments. suspended matter shall be negligible. It shall forms an emulsion on dilution with water,suitable for spray. | IS:8944-2005 |
| 2 | Cold Test at 10 deg C (for 1 hr) | - | No turbidity or sepration of solid or oily matter or both occured at the end of the test. | No turbidity or separation of solid or oily matter or both shall occur at the end of the test. | IS:6940-1982 |
| 3 | Flash Point (abel) | Deg.c | 61 | Above 24.5 | IS:1448(P-20) |
| 4 | Emulsion stability (of 100ml emulsion Prepared with standard hard water and kept for 1 hour at 30+1-1 deg C | %m/m | Creaming-Nil, Sediment-Nil, Total Sepration-Nil | Any separation Including creaming & sediment shall not exceed 2.0ml | IS:6940-1982 |
| 5 | Chlorpyrifos Content | %m/m | 20.04 | +5-5 % of the Nominal value (20) | IS:8963-2006 |
| 6 | Acidity (as H2SO4) | %m/m | 0.02 | Max 0.05 | IS:6940-1982 |

Opinion : The submitted sample of Chlorpyrifos 20%EC Conforms to IS:8944-2005 with respect to the above tests.

End of Report

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Certificate No. : T-0187

TEST REPORT

| | | | | |
|----------------------------------|---|---------|----------------|--------------|
| Ref. No. IL/D- 3661 | Date 26.9.15 | Lab No. | 240915L-PP-003 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | | |
| Type of Sample | Chlorpyriphos 20%EC | | | |
| Work Order No. | NIL | | Dated | 23/09/2015 |
| Customer's Description of Sample | Chlorpyriphos 20%EC (Durmet EC) | | | |
| Quantity | 500 ml | | | |
| Packing, Markings, Seal | HDPE Bottle & Further Packed in Paper envelop Duly Sealed | | | |
| Mode of Receipt of Sample | By Hand | | | |
| Date of Receipt of Sample | 24/09/2015 | | Batch No. | 15091411 |
| Period of Analysis | 24/09/2015 To 26/09/2015 | | Date of Mfg. | 09/2015 |
| Date of Reporting | 26/09/2015 | | Date of Expiry | 09/2017 |
| Visual Observation | N/A | | | |
| Testing Protocol | IS:8944-2005 | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|-------|--|--|---------------|
| 1 | Description | -- | Light yellow homogeneous stable liquid free from sediment suspended matter. It form an emulsion on dilution with water suitable for spray. | The material shall be in the form of a homogeneous stable liquid free from sediments. suspended matter shall be negligible. It shall forms an emulsion on dilution with water, suitable for spray. | IS:8944-2005 |
| 2 | Cold Test at 10 deg C (for 1 hr) | - | No turbidity or separation of solid or oily matter or both occurred at the end of the test. | No turbidity or separation of solid or oily matter or both shall occur at the end of the test. | IS:6940-1982 |
| 3 | Flash Point (abel) | Deg.c | 57 | Above 24.5 | IS:1448(P-20) |
| 4 | Emulsion stability (of 100ml emulsion Prepared with standard hard water and kept for 1 hour at 30+1-1 deg C | %m/m | Creaming-Nil, Sediment-Nil, Total separation-Nil | Any separation Including creaming & sediment shall not exceed 2.0ml | IS:6940-1982 |
| 5 | Chlorpyriphos Content | %m/m | 20.09 | +5-5 % of the Nominal value (20) | IS:8963-2006 |
| 6 | Acidity (as H2SO4) | %m/m | 0.01 | Max 0.05 | IS:6940-1982 |

Opinion : The submitted sample of Chlorpyriphos 20%EC Conforms to IS:8944-2005 with respect to the above tests.

End of Report

For Idma Laboratories Limited

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TM/II/III

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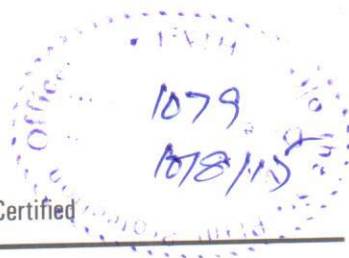




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TEST REPORT

| | | | |
|----------------------------------|---|-------------------------|--------------|
| Ref. No. IL/D- 2038 | Date 3-8-15 | Lab No. 010815NL-PN-004 | Page No. 1/2 |
| Customer | Senior Plant Protection Officer Village Challaunti Sanjauli Director of Horticulture Nav Bahar Shimla Himachal Pradesh | | |
| Type of Sample | Captan 50% W.P | | |
| Work Order No. | NIL | Dated | 01/08/2015 |
| Customer's Description of Sample | Captan 50% W.P Batch No. (AN01112) | | |
| Quantity | 500 gm | | |
| Packing, Markings, Seal | Carton Box | | |
| Mode of Receipt of Sample | By Hand | | |
| Date of Receipt of Sample | 01/08/2015 | | |
| Period of Analysis | 01/10/2015 To 03/08/2015 | Date of Mfg. | 16/07/2015 |
| Date of Reporting | 03/08/2015 | Date of Expiry | 14/07/2017 |
| Visual Observation | | | |
| Testing Protocol | IS:11785-1986 R-2002 Amdt-01 | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|---------|--|--|---------------|
| 1 | Description | | Off white fine homogeneous powder free from visible extraneous matter and hard aggregates. It wets readily on mixing with water providing a suspension suitable for spray. | The Material shall be in the form of a fine homogenous powder, white to off white in colour & free from visible extraneous matter & hard aggregate. It shall wet readily on mixing with water providing a suspension suitable for spray. | IS:11785-1986 |
| 2 | Captan Content | %m/m | 50.07 | +5-5% of the nominal value(50) | IS:11785-1986 |
| 3 | Sievint (Material Passing through 75 micron IS: Sieve) | %m/m | 98.6 | Min.97 | IS:6940-1982 |
| 4 | Wettability | Seconds | 28 | Max.120 | IS:6940-1982 |
| 5 | Suspensibility | %m/m | 76.4 | Min.70 | IS:6940-1982 |
| 6 | Alkalinity (as NaOH) | %m/m | 0.03 | Max.0.1 | IS:6940-1982 |



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TEST REPORT

| | | | |
|---------------------|-------------|-------------------------|--------------|
| Ref. No. IL/D- 2038 | Date 3.8.15 | Lab No. 010815NL-PN-004 | Page No. 2/2 |
|---------------------|-------------|-------------------------|--------------|

Opinion : The submitted sample of Captan 50 % WP Conforms to IS:11785-1986 R-2002 Amdt-01 with respect to the above tests.

End of Report

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TEST REPORT

| | | | | |
|----------------------------------|---|----------------|-----------------|--------------|
| Ref. No. IL/D- 2039 | Date 3.8.15 | Lab No. | 010815NL-PN-005 | Page No. 1/2 |
| Customer | Senior Plant Protection Officer Village Challaunti Sanjauli Director of Horticulture Nav Bahar Shimla Himachal Pradesh | | | |
| Type of Sample | Captan 50% W.P | | | |
| Work Order No. | NIL | Dated | 01/08/2015 | |
| Customer's Description of Sample | Captan 50% W.P (Batch No. AN01113) | | | |
| Quantity | 500 gm | | | |
| Packing, Markings, Seal | Carton Box Captan 50% W.P | | | |
| Mode of Receipt of Sample | By Hand | | | |
| Date of Receipt of Sample | 01/08/2015 | | | |
| Period of Analysis | 01/08/2015 To 03/08/2015 | Date of Mfg. | 18/07/2015 | |
| Date of Reporting | 03/08/2015 | Date of Expiry | 16/07/2017 | |
| Visual Observation | | | | |
| Testing Protocol | IS:11785-1986 R-2002 Amdt-01 | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|---------|--|---|---------------|
| 1 | Description | | Off white fine homogeneous poeder free from visible extraneous matter and hard aggregates. It wets readily on mixing with water providing a suspension suitable for spray. | The Material shall be in the form of a fine homogenous powder, white to off white in colour & free from visible extraneous matter & hard aggregate It shall wet readily on mixing with water providing a suspension suitable for spray. | IS:11785-1986 |
| 2 | Captan Content | %m/m | 50.09 | +5-5% of the nominal value (50) | IS:11785-1986 |
| 3 | Sievint (Material Passing through 75 micron IS: Sieve) | %m/m | 98.8 | Min.97 | IS:6940-1982 |
| 4 | Wettability | Seconds | 24 | Max.120 | IS:6940-1982 |
| 5 | Suspensibility | %m/m | 76.6 | Min.70 | IS:6940-1982 |
| 6 | Alkalinity (as NaOH) | %m/m | 0.02 | Max.0.1 | IS:6940-1982 |





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TEST REPORT

| | | | |
|---------------------|-------------|-------------------------|--------------|
| Ref. No. IL/D- 2039 | Date 3.8.15 | Lab No. 010815NL-PN-005 | Page No. 2/2 |
|---------------------|-------------|-------------------------|--------------|

Opinion : The submitted sample of Captan 50 % WP Conforms to IS:11785-1986 R-2002 Amdt-01 with respect to the above tests.

****End of Report****

For Idma Laboratories Limited

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TEST REPORT

| | | | | |
|----------------------------------|---|----------------|-----------------|--------------|
| Ref. No. IL/D- 2040 | Date 38.05 | Lab No. | 010815NL-PN-006 | Page No. 1/2 |
| Customer | Senior Plant Protection Officer Village Challaunti Sanjauli Director of Horticulture Nav Bahar Shimla Himachal Pradesh | | | |
| Type of Sample | Captan 50% W.P | | | |
| Work Order No. | NIL | Dated | 01/08/2015 | |
| Customer's Description of Sample | Captan 50% W.P (Batch No. AN01114) | | | |
| Quantity | 500 gm | | | |
| Packing, Markings, Seal | Carton Box | | | |
| Mode of Receipt of Sample | By Hand | | | |
| Date of Receipt of Sample | 01/08/2015 | | | |
| Period of Analysis | 01/08/2015 To 03/08/2015 | Date of Mfg. | 19/07/2015 | |
| Date of Reporting | 03/08/2015 | Date of Expiry | 17/07/2017 | |
| Visual Observation | | | | |
| Testing Protocol | IS:11785-1986 R-2002 Amdt-01 | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|---------|--|--|---------------|
| 1 | Description | | Off white fine homogeneous powder free from visible extraneous matter and hard aggregates. It wets readily on mixing with water providing a suspension suitable for spray. | The Material shall be in the form of a fine homogenous powder, white to off white in colour & free from visible extraneous matter & hard aggregate. It shall wet readily on mixing with water providing a suspension suitable for spray. | IS:11785-1986 |
| 2 | Captan Content | %m/m | 50.11 | +5-5% of the nominal value(50) | IS:11785-1986 |
| 3 | Sievent (Material Passing through 75 micron IS: Sieve) | %m/m | 98.5 | Min.97 | IS:6940-1982 |
| 4 | Wettability | Seconds | 26 | Max.120 | IS:6940-1982 |
| 5 | Suspensibility | %m/m | 76.5 | Min.70 | IS:6940-1982 |
| 6 | Alkalinity (as NaOH) | %m/m | 0.02 | Max.0.1 | IS:6940-1982 |





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TEST REPORT

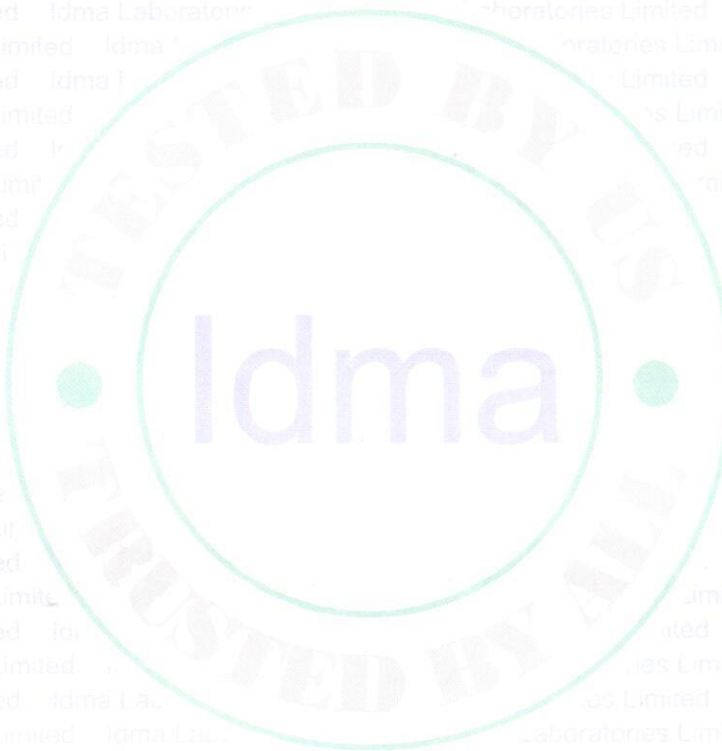
| | | | |
|---------------------|-------------|-------------------------|--------------|
| Ref. No. IL/D- 2040 | Date 3.8.15 | Lab No. 010815NL-PN-006 | Page No. 2/2 |
|---------------------|-------------|-------------------------|--------------|

Opinion : The submitted sample of Captan 50 % WP Conforms to IS:11785-1986 R-2002 Amdt-01 with respect to the above tests.

End of Report

For Idma Laboratories Limited

Authorized Signatory



JAS-ANZ





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TEST REPORT

| | | | |
|----------------------------------|---|-------------------------|--------------|
| Ref. No. IL/D- 2041 | Date 3.8.15 | Lab No. 010815NL-PN-007 | Page No. 1/2 |
| Customer | Senior Plant Protection Officer Village Challaunti Sanjauli Director of Horticulture Nav Bahar Shimla Himachal Pradesh | | |
| Type of Sample | Captan 50% W.P | | |
| Work Order No. | NIL | Dated | 01/08/2015 |
| Customer's Description of Sample | Captan 50% W.P (Batch No. AN01115) | | |
| Quantity | 500 gm | | |
| Packing, Markings, Seal | Carton Box | | |
| Mode of Receipt of Sample | By Hand | | |
| Date of Receipt of Sample | 01/08/2015 | | |
| Period of Analysis | 01/08/2015 To 03/08/2015 | Date of Mfg. | 20/07/2015 |
| Date of Reporting | 03/08/2015 | Date of Expiry | 18/07/2017 |
| Visual Observation | | | |
| Testing Protocol | IS:11785-1986 R-2002 Amdt-01 | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|---------|---|--|---------------|
| 1 | Description | | Off white fine homogeneous powder free from visible extraneous matter and hard aggregates. IOT wets readily on mixing with water providing a suspension suitable for spray. | The Material shall be in the form of a fine homogenous powder, white to off white in colour & free from visible extraneous matter & hard aggregate. It shall wet readily on mixing with water providing a suspension suitable for spray. | IS:11785-1986 |
| 2 | Captan Content | %m/m | 50.14 | +5-5% of the nominal value(50) | IS:11785-1986 |
| 3 | Sievint (Material Passing through 75 micron IS: Sieve) | %m/m | 98.6 | Min.97 | IS:6940-1982 |
| 4 | Wettability | Seconds | 25 | Max.120 | IS:6940-1982 |
| 5 | Suspensibility | %m/m | 76.7 | Min.70 | IS:6940-1982 |
| 6 | Alkalinity (as NaOH) | %m/m | 0.01 | Max.0.1 | IS:6940-1982 |





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TEST REPORT

| | | | |
|---------------------|-------------|-------------------------|--------------|
| Ref. No. IL/D- 2041 | Date 3.8.15 | Lab No. 010815NL-PN-007 | Page No. 2/2 |
|---------------------|-------------|-------------------------|--------------|

Opinion : The submitted sample of Captan 50 % WP Conforms to IS:11785-1986 R-2002 Amdt-01 with respect to the above tests.

End of Report

For Idma Laboratories Limited

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TEST REPORT

| | | | |
|----------------------------------|---|-------------------------|--------------|
| Ref. No. IL/D- 2042 | Date 3.8.15 | Lab No. 010815NL-PN-008 | Page No. 1/2 |
| Customer | Senior Plant Protection Officer Village Challaunti Sanjauli Director of Horticulture Nav Bahar Shimla Himachal Pradesh | | |
| Type of Sample | Captan 50% W.P | | |
| Work Order No. | NIL | Dated | 01/08/2015 |
| Customer's Description of Sample | Captan 50% W.P (Batch No. AN01116) | | |
| Quantity | 500 gm | | |
| Packing, Markings, Seal | Carton Box Captan 50% W.P | | |
| Mode of Receipt of Sample | By Hand | | |
| Date of Receipt of Sample | 01/08/2015 | | |
| Period of Analysis | 01/08/2015 To 03/08/2015 | Date of Mfg. | 21/07/2015 |
| Date of Reporting | 03/08/2015 | Date of Expiry | 19/07/2017 |
| Visual Observation | | | |
| Testing Protocol | IS:11785-1986 R-2002 Amdt-01 | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|---------|--|--|---------------|
| 1 | Description | | Off white fine homogeneous powder free from visible extraneous matter and hard aggregates. It wets readily on mixing with water providing a suspension suitable for spray. | The Material shall be in the form of a fine homogenous powder, white to off white in colour & free from visible extraneous matter & hard aggregate. It shall wet readily on mixing with water providing a suspension suitable for spray. | IS:11785-1986 |
| 2 | Captan Content | %m/m | 50.06 | +5-5% of the nominal value (50) | IS:11785-1986 |
| 3 | Sievent (Material Passing through 75 micron IS: Sieve) | %m/m | 98.7 | Min. 97 | IS:6940-1982 |
| 4 | Wettability | Seconds | 76.6 | Max. 120 | IS:6940-1982 |
| 5 | Suspensibility | %m/m | 26 | Min. 70 | IS:6940-1982 |
| 6 | Alkalinity (as NaOH) | %m/m | 0.04 | Max. 0.1 | IS:6940-1982 |





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TEST REPORT

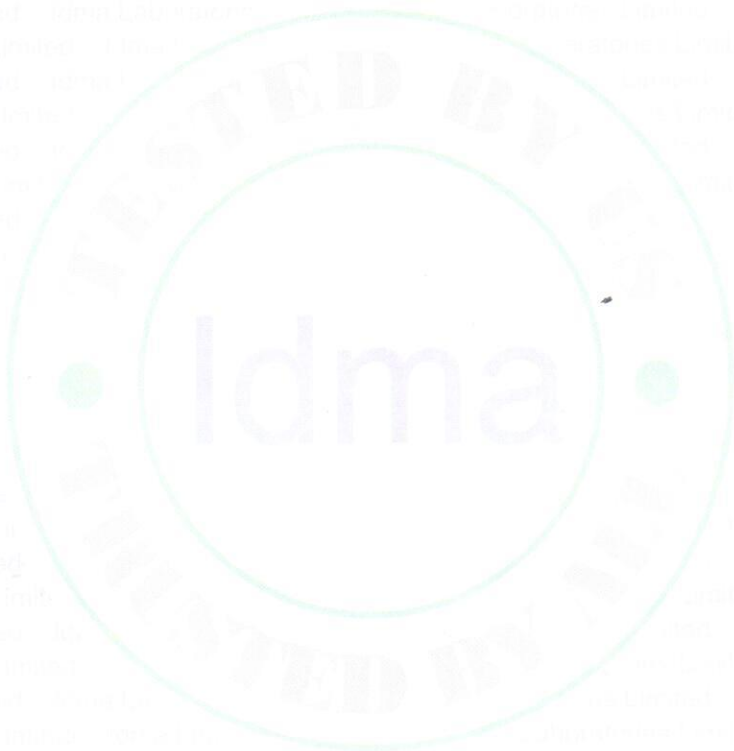
| | | | |
|----------------------------|--------------------|-------------------------|--------------|
| Ref. No. IL/D- <u>2042</u> | Date <u>3.8.15</u> | Lab No. 010815NL-PN-008 | Page No. 2/2 |
|----------------------------|--------------------|-------------------------|--------------|

Opinion : The submitted sample of Captan 50 % WP Conforms to IS:11785-1986 R-2002 Amdt-01 with respect to the above tests.

End of Report

For Idma Laboratories Limited

[Signature]
Authorized Signatory



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