



62 No8

Idma Laboratories Limited

(A Government Approved Test House)

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

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18/5/17

TEST REPORT

| | | | |
|----------------------------------|---|-------------------------|--------------|
| Ref. No. IL/D- 1229 | Date 13.05.17 | Lab No. 080517PP-NL-012 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | |
| Type of Sample | Myclobutanil 10% W.P | | |
| Work Order No. | NIL | Dated | 05/05/2017 |
| Customer's Description of Sample | Myclobutanil 10% W.P (GRAPPLE) ✓ | | |
| Quantity | 100 gm | | |
| Packing, Markings, Seal | Carton Box & Firther Packed in paper envelope, Duly Sealed & Signed | | |
| Mode of Receipt of Sample | Courier | | |
| Date of Receipt of Sample | 08/05/2017 | Batch No. | FIL/GPE-080 |
| Period of Analysis | 09/05/2017 To 09/05/2017 | Date of Mfg. | 02/05/2017 ✓ |
| Date of Reporting | 10/05/2017 | Date of Expiry | 01/05/2019 ✓ |
| Visual Observation | N/A | | |
| Testing Protocol | As per product specifications | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|-------|---|----------------|-------------------------------|
| 1 | Discription | - | Off White; Homogeneous powder. No lumps were detected. It wets readily on mixing with water providind a suspension suitable for use as a spray. | - | - |
| 2 | Myclobutanil 10% W.P content (% by mass) | % | 09.88 | ±5 | As per product specifications |
| 3 | Suspensibility % by mass | | 72.82 | 70 (min) | As per product specifications |
| 4 | Alkalinity (as NaOH) % by mass | % | 0.812 | 0.5 (min) | IS:6940-1982 |
| 5 | Wettability | sec | 46 | 120 | IS:6940-1982 |

Opinion : The received sample of MYCLOBUTANIL 10% WP conforms to the product specifications w.r.t above tests.

End of Report

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For Idma Laboratories Limited

Authorized Signatory

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18/5/17

TEST REPORT

| | | | |
|----------------------------------|---|-------------------------|--------------|
| Ref. No. IL/D- 1230 | Date 13.05.17 | Lab No. 080517PP-NL-014 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | |
| Type of Sample | Dodine 65% WP | | |
| Work Order No. | NIL | Dated | 05/05/2017 |
| Customer's Description of Sample | Dodine 65% WP (SYLLIT) | | |
| Quantity | 100 gm | | |
| Packing, Markings, Seal | Carton box & Further Packed in paper envelope, Duly Sealed & Signed | | |
| Mode of Receipt of Sample | Courier | | |
| Date of Receipt of Sample | 08/05/2017 | Batch No. | FIL/SLT-031 |
| Period of Analysis | 09/05/2017 To 09/05/2017 | Date of Mfg. | 02/05/2017 ✓ |
| Date of Reporting | 10/05/2017 | Date of Expiry | 01/05/2019 ✓ |
| Visual Observation | N/A | | |
| Testing Protocol | IS:13785-1993 | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|---------|--|---|---------------|
| 1 | Description | -- | White; Homogeneous; free flowing powder. No extraneous matter is visible. It wets readily on mixing with water providing a suspension suitable for use as a spray. | The Material shall be in the form of a white homogeneous powder, free from extraneous impurities or added modifying agent (s) and shall wet readily on mixing with water providing a suspension suitable for spray. | IS:13785-1993 |
| 2 | Dodine content | %m/m | 64.66 | +5-3 % of the nominal value (65) | IS:13785-1993 |
| 3 | Sieving (Material Passing through 75 micron IS: Sieve | %m/m | 99.62 | Min 99.0 | IS:6940-1982 |
| 4 | Suspensibility | %m/m | 72.44 | Min 70.0 | IS:6940-1982 |
| 5 | Alkalinity (as NaOH) | %m/m | 0.02 | Max 0.1 | IS:6940-1982 |
| 6 | Wettability | seconds | 70 | Max 120 | IS:6940-1982 |

Opinion : The received sample of DODINE 65% WP conforms to IS: 13785-1983 w.r.t. above tests.

End of Report

Dr. Ashok H B
18/5/17
SMB



For Idma Laboratories Limited

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18/5/17

TEST REPORT

| | | | |
|----------------------------------|--|-------------------------|---------------|
| Ref. No. IL/D-1220 | Date 13.05.17 | Lab No. 080517PP-NL-011 | Page No. 1/2 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | |
| Type of Sample | Fenazaquin10%EC | | |
| Work Order No. | NIL | Dated | 05/05/2017 |
| Customer's Description of Sample | Fenazaquin10%EC (MAGISTER) | | |
| Quantity | 100 ml | | |
| Packing, Markings, Seal | Sealed plastic Bottle & Further Packed in paper envelopr, duly sealed & Signed | | |
| Mode of Receipt of Sample | Courier | | |
| Date of Receipt of Sample | 08/05/2017 | Batch No. | FIL/MJC-057 ✓ |
| Period of Analysis | 10/05/2017 To 11/05/2017 | Date of Mfg. | 02/05/2017 ✓ |
| Date of Reporting | 11/05/2017 | Date of Expiry | 01/05/2019 ✓ |
| Visual Observation | N/A | | |
| Testing Protocol | Product specification | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|-------|---|----------------|-------------|
| 1 | Description | | It is light brown; Homogeneous; clear sloution free from any foreign matter or sediments. When mixed with water, it provides an emulsion which is suitable for use as a spray. | | |
| 2 | Cold test 10 degree C | | No turbidity or separation of oily layer(at the top) or sediments(at the bottom) or both at the end of the tests. | | |
| 3 | Emulsion stability (of 100 ml emulsion prepared with standard hard water) | | Creaming-NIL; Sediments-NIL. Total | | |

Sh. Ashok
18/5/17
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TEST REPORT

| Ref. No. IL/D- 220 | | Date | 13.05.17 | Lab No. | 080517PP-NL-011 | Page No. 2/2 |
|--------------------|--------------------|-------|-----------------|----------------|-----------------|--------------|
| S.No. | Test Parameter | Units | Results | Specifications | Test Method | |
| 3 | | | Separation-NIL. | | | |
| 4 | Fenazaquin Content | % | 10.02 | | | |
| 5 | Acidity (as H2so4) | % | 0.012 | | | |

Opinion : The received sample of Fenazaquin 10% EC conforms to the requirements of the product specifications.

End of Report



For Idma Laboratories Limited

[Signature]
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TEST REPORT

| | | | |
|----------------------------------|--|-------------------------|--------------|
| Ref. No. IL/D-1217 | Date 13.05.17 | Lab No. 080517PP-NL-010 | Page No. 1/2 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | |
| Type of Sample | Fenazaquin10%EC | | |
| Work Order No. | NIL | Dated | 05/05/2017 |
| Customer's Description of Sample | Fenazaquin10%EC (MAGISTER) | | |
| Quantity | 100 ml | | |
| Packing, Markings, Seal | Sealed plastic Bottle & Further Packed in paper envelopr, duly sealed & Signed | | |
| Mode of Receipt of Sample | Courier | | |
| Date of Receipt of Sample | 08/05/2017 | Batch No. | FI-210 |
| Period of Analysis | 10/05/2017 To 11/05/2017 | Date of Mfg. | 03/05/2017 ✓ |
| Date of Reporting | 11/05/2017 | Date of Expiry | 02/05/2019 ✓ |
| Visual Observation | N/A | | |
| Testing Protocol | Product specification | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|-------|---|----------------|-------------|
| 1 | Description <i>Sw. Ashok, H.R.O. 18/5/17 S.P.B.</i> | | It is light brown; Homogeneous; Clear solution free from any foreign matter or sediments etc. When mixed with water, it provide an emulsion suitable for use as a spray. | | |
| 2 | Cold test 10 degree C | | No turbidity or separation of creaming layer(at the top) or sediments(at the bottom) or both at the end of the tests. | | |
| 3 | Emulsion stability (of 100 ml emulsion prepared with standard hard water) | | Creaming-NIL; Sediments-NIL. Total | | |

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TEST REPORT

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|-------|-----------------|----------------|-------------|
| 3 | | | Separation-NIL. | | |
| 4 | Fenazaquin Content | % | 09.94 | | |
| 5 | Acidity (as H ₂ so ₄) | % | 0.016 | | |

Opinion : The received sample of Fenazaquin 10% EC conforms to the requirements of the product Specifications.

End of Report



For Idma Laboratories Limited

Trivedi
Authorized Signatory





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TEST REPORT

| | | | |
|----------------------------------|---|---------------------------|------------------|
| Ref. No. IL/D-1421 | Date 20.05.17 | Lab No. 160517PP-NL-019 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | |
| Type of Sample | Dodine 65% WP | | Dated 15/05/2017 |
| Work Order No. | NIL | | |
| Customer's Description of Sample | Dodine 65% WP (Superstar 65 WP) | | |
| Quantity | 100 g | | |
| Packing, Markings, Seal | Sample Packed in Polythene Pouch & Sealed in Paper envelope | | |
| Mode of Receipt of Sample | By Hand | | |
| Date of Receipt of Sample | 16/05/2017 | Batch No. FIL/SSR-162 | ✓ |
| Period of Analysis | 18/05/2017 To 18/05/2017 | Date of Mfg. 05/05/2017 | ✓ |
| Date of Reporting | 19/05/2017 | Date of Expiry 04/05/2019 | ✓ |
| Visual Observation | N/A | | |
| Testing Protocol | IS:13785-1993 | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|---------|--|---|---------------|
| 1 | Description | -- | White; Homogeneous; free flowing powder. No extraneous matter detected. It wets readily on mixing with water providing a suspension suitable for use as a spray. | The Material shall be in the form of a white homogeneous powder, free from extraneous impurities or added modifying agent (s) and shall wet readily on mixing with water providing a suspension suitable for spray. | IS:13785-1993 |
| 2 | Dodine content | %m/m | 64.72 | +5-3 % of the nominal value (65) | IS:13785-1993 |
| 3 | Sieving (Material Passing through 75 micron IS: Sieve) | %m/m | 99.02 | Min 99.0 | IS:6940-1982 |
| 4 | Suspensibility | %m/m | 72.44 | Min 70.0 | IS:6940-1982 |
| 5 | Alkalinity (as NaOH) | %m/m | 0.08 | Max 0.1 | IS:6940-1982 |
| 6 | Wettability | seconds | 32 | Max 120 | IS:6940-1982 |

Opinion : The received sample of Dodine 65% WP conforms to IS: 13785-1993 with upto date ammendments w.r.t above tests.

End of Report

Sh. Ashok, HFO
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For Idma Laboratories Limited
A.K. Trivedi
Authorized Signatory



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TEST REPORT

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Page No. 1/1

| | | | |
|----------------------------------|---|----------------|----------------|
| Ref. No. IL/D-1467 | Date 23.05.17 | Lab No. | 200517L-PP-001 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | |
| Type of Sample | Carbendazim 50% WP | | |
| Work Order No. | NIL | Dated | 16/05/2017 |
| Customer's Description of Sample | Carbendazim 50% WP (Dhanustin) | | |
| Quantity | 100 gm | | |
| Packing, Markings, Seal | Sample Packed in Aluminium Pouch & Sealed in Paper envelope | | |
| Mode of Receipt of Sample | By Hand | | |
| Date of Receipt of Sample | 20/05/2017 | Batch No. | KMQ-0003 |
| Period of Analysis | 20/05/2017 To 22/05/2017 | Date of Mfg. | 03/05/2017 |
| Date of Reporting | 22/05/2017 | Date of Expiry | 02/05/2019 |
| Visual Observation | N/A | | |
| Testing Protocol | IS:8446-1991 R-2012 Amtd.02 | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|-------|--|--|--------------|
| 1 | Description | -- | White, Homogenous free flowing powder. it wets readily on mixing with water providing a suspension suitable for use as a spray . | The material shall be in the form of homogeneous powder.It shall wet readily on mixing with water providing a suspension suitable for spray. | IS:8446-1991 |
| 2 | Carbendazim content | %m/m | 49.72 | +5% -3% of the nominal value (50) | IS:8446-1991 |
| 3 | Sieving (Material passing through 75 micron IS Sieve | %m/m | 99.48 | Min 99.0 | IS:6940-1982 |
| 4 | Suspensibility | %m/m | 63.34 | Min 60.0 | IS:6940-1982 |
| 5 | Acidity (as H2SO4) | %m/m | 0.024 | Max 0.05 | IS:6940-1982 |

Opinion : The received sample of Carbendazim 50% WP conforms to IS:8446-1991 with upto date ammendments.

End of Report

Handwritten notes: 420/491, 26/5/17, SMC



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TEST REPORT

| | | | | |
|----------------------------------|---|------------------------|--------------|--|
| Ref. No. IL/D- 11668 | Date 23.05.17 | Lab No. 200517L-PP-002 | Page No. 1/1 | |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | | |
| Type of Sample | Carbendazim 50% WP | | | |
| Work Order No. | NIL | Dated | 16/05/2017 | |
| Customer's Description of Sample | Carbendazim 50% WP (Dhanustin) | | | |
| Quantity | 100 gm | | | |
| Packing, Markings, Seal | Sample Packed in Aluminium Pouch & Sealed in Paper envelope | | | |
| Mode of Receipt of Sample | By Hand | | | |
| Date of Receipt of Sample | 20/05/2017 | Batch No. | KMQ-0004 | |
| Period of Analysis | 20/05/2017 To 22/05/2017 | Date of Mfg. | 06/05/2017 | |
| Date of Reporting | 22/05/2017 | Date of Expiry | 05/05/2019 | |
| Visual Observation | N/A | | | |
| Testing Protocol | IS:8446-1991 R-2012 Amdt.02 | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|-------|---|---|--------------|
| 1 | Description | -- | White; Homogeneous; free flowing powder. It wets readily on mixing with water providing a suspension suitable for use as a spray. | The material shall be in the form of homogeneous powder. It shall wet readily on mixing with water providing a suspension suitable for spray. | IS:8446-1991 |
| 2 | Carbendazim content | %m/m | 49.66 | +5% -3% of the nominal value (50) | IS:8446-1991 |
| 3 | Sieving (Material passing through 75 micron IS Sieve) | %m/m | 99.36 | Min 99.0 | IS:6940-1982 |
| 4 | Suspensibility | %m/m | 62.82 | Min 60.0 | IS:6940-1982 |
| 5 | Acidity (as H2SO4) | %m/m | 0.016 | Max 0.05 | IS:6940-1982 |

Opinion : The received sample of Carbendazim 50% WP conforms to IS:8446-1991 with up to date amendments.

End of Report

Handwritten signature and date: 23/05/2017



For Idma Laboratories Limited

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TM/II/III/III

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Certificate No. : T-0187

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TEST REPORT

| | | | |
|----------------------------------|---|------------------------|--------------|
| Ref. No. IL/D-1469 | Date 23.05.17 | Lab No. 200517L-PP-003 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | |
| Type of Sample | Carbendazim 50% WP | | |
| Work Order No. | NIL | Dated | 19/05/2017 |
| Customer's Description of Sample | Carbendazim 50% WP (Dhanustin) | | |
| Quantity | 100 gm | | |
| Packing, Markings, Seal | Sample Packed in Aluminium Pouch & Sealed in Paper envelope | | |
| Mode of Receipt of Sample | By Hand | | |
| Date of Receipt of Sample | 20/05/2017 | Batch No. | KMQ-0005 |
| Period of Analysis | 20/05/2017 To 22/05/2017 | Date of Mfg. | 09/05/2017 |
| Date of Reporting | 22/05/2017 | Date of Expiry | 08/05/2019 |
| Visual Observation | N/A | | |
| Testing Protocol | IS:8446-1991 R-2012 Amdt.02 | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|-------|---|---|--------------|
| 1 | Description | -- | White; Homogeneous; free flowing powder. It wets readily on mixing with water providing a suspension suitable for use as a spray. | The material shall be in the form of homogeneous powder. It shall wet readily on mixing with water providing a suspension suitable for spray. | IS:8446-1991 |
| 2 | Carbendazim content | %m/m | 49.06 | +5% -3% of the nominal value (50) | IS:8446-1991 |
| 3 | Sieving (Material passing through 75 micron IS Sieve) | %m/m | 99.44 | Min 99.0 | IS:6940-1982 |
| 4 | Suspensibility | %m/m | 62.84 | Min 60.0 | IS:6940-1982 |
| 5 | Acidity (as H2SO4) | %m/m | 0.018 | Max 0.05 | IS:6940-1982 |

Opinion : The received sample of Carbendazim 50% WP conforms to IS:8446-1991 with up to date amendments.

End of Report



For Idma Laboratories Limited

Authorized Signatory
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26.05.2017

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TEST REPORT

| | | | | |
|----------------------------------|---|------------------------|------------|--------------|
| Ref. No. IL/D-1501 | Date 23.05.17 | Lab No. 200517L-PP-004 | 427 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | 26/5/17 | |
| Type of Sample | Mancozeb 75% WP | | | |
| Work Order No. | NIL | Dated | 17/05/2017 | |
| Customer's Description of Sample | Mancozeb 75% WP (Uthane M-45) | | | |
| Quantity | 500 gm | | | |
| Packing, Markings, Seal | Sample Packed i Aluminium Pouch & Sealed in Cloth Bag | | | |
| Mode of Receipt of Sample | By Hand | | | |
| Date of Receipt of Sample | 20/05/2017 | Batch No. | E01SMZ0001 | |
| Period of Analysis | 20/05/2017 To 22/05/2017 | Date of Mfg. | 08/05/2017 | |
| Date of Reporting | 22/05/2017 | Date of Expiry | 07/05/2019 | |
| Visual Observation | N/A | | | |
| Testing Protocol | IS:8708-2006 | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|---------|---|--|--------------|
| 1 | Discription | -- | Yellow (Green tinge) ;Homogeneous powder. It wets readily on mixing with water providing a suspension suitable for use as a spray. | The Material shall be in the form of homogenous powder yellowish-to-yellowish green in colour Is shall wet readily on mixing with water providing a suspension suitable for spray. | IS:8708-2006 |
| 2 | Material Passing through 45 micron IS: Sieve | % | 99.28 | min 99 | IS:6940 |
| 3 | Suspensibility | % | 52.86 | min 50 | IS:6940 |
| 4 | Wettability | seconds | 38 | max 120 | IS:6940 |
| 5 | Mancozeb Content | % | 74.66 | +5-3% of the nominal value (75) | IS:8707 |
| 6 | Zinc Content of Mancozeb Content | % | 2.56 | min 2.5 | IS:8707 |
| 7 | Manganese content of Mancozeb | % | 20.52 | min 20 | IS:8707 |

Opinion : The received sample of Mancozeb 75% WP conforms to IS:8708-2006 w.r.t the above tests.

End of Report

Handwritten signature and date: 26/5/17



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Authorized Signatory
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TEST REPORT

| | | | | |
|----------------------------------|---|----------------|----------------|--------------|
| Ref. No. IL/D-1502 | Date 23.05.17 | Lab No. | 200517L-PP-005 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | | |
| Type of Sample | Mancozeb 75% WP | | | |
| Work Order No. | NIL | Dated | 17/05/2017 | |
| Customer's Description of Sample | Mancozeb 75% WP (Uthane M-45) | | | |
| Quantity | 500 gm | | | |
| Packing, Markings, Seal | Sample Packed i Aluminium Pouch & Sealed in Cloth Bag | | | |
| Mode of Receipt of Sample | By Hand | | | |
| Date of Receipt of Sample | 20/05/2017 | Batch No. | E01SMZ0002 ✓ | |
| Period of Analysis | 20/05/2017 To 22/05/2017 | Date of Mfg. | 08/05/2017 ✓ | |
| Date of Reporting | 22/05/2017 | Date of Expiry | 07/05/2019 ✓ | |
| Visual Observation | N/A | | | |
| Testing Protocol | IS:8708-2006 | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|---------|--|--|--------------|
| 1 | Discription | -- | Yellow(Green tinge) ;Homogeneous powder. It wets readily on mixing with water providing a suspension suitable for use as a spray. | The Material shall be in the form of homogenous powder yellowish-to-yellowish green in colour Is shall wet readily on mixing with water providing a suspension suitable for spray. | IS:8708-2006 |
| 2 | Material Passing through 45 micron IS: Sieve | % | 99.18 | min 99 | IS:6940 |
| 3 | Suspensibility | % | 52.08 | min 50 | IS:6940 |
| 4 | Wettability | seconds | 44 | max 120 | IS:6940 |
| 5 | Mancozeb Content | % | 74.38 | +5-3% of the nominal value (75) | IS:8707 |
| 6 | Zinc Content of Mancozeb Content | % | 2.58 | min 2.5 | IS:8707 |
| 7 | Manganese content of Mancozeb | % | 20.42 | min 20 | IS:8707 |

Opinion : The received sample of Mancozeb 75% WP conforms to IS:8708-2006 w.r.t. above tests.

End of Report



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TEST REPORT

| | | | | |
|----------------------------------|---|----------------|----------------|--------------|
| Ref. No. IL/D- 1503 | Date 23-05-17 | Lab No. | 200517L-PP-006 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | | |
| Type of Sample | Mancozeb 75% WP | | | |
| Work Order No. | NIL | Dated | 17/05/2017 | |
| Customer's Description of Sample | Mancozeb 75% WP (Uthane M-45) | | | |
| Quantity | 500 gm | | | |
| Packing, Markings, Seal | Sample Packed i Aluminium Pouch & Sealed in Cloth Bag | | | |
| Mode of Receipt of Sample | By Hand | | | |
| Date of Receipt of Sample | 20/05/2017 | Batch No. | E01SMZ0003 ✓ | |
| Period of Analysis | 20/05/2017 To 22/05/2017 | Date of Mfg. | 08/05/2017 | |
| Date of Reporting | 22/05/2017 | Date of Expiry | 07/05/2019 | |
| Visual Observation | N/A | | | |
| Testing Protocol | IS:8708-2006 | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|---------|--|--|--------------|
| 1 | Discription | -- | Yellow(Green tinge) ;Homogeneous powder. It wets readily on mixing with water providing a suspension suitable for use as a spray. Yellow(Gre | The Material shall be in the form of homogenous powder yellowish-to-yellowish green in colour Is shall wet readily on mixing with water providing a suspension suitable for spray. | IS:8708-2006 |
| 2 | Material Passing through 45 micron IS: Sieve | % | 99.26 | min 99 | IS:6940 |
| 3 | Suspensibility | % | 53.12 | min 50 | IS:6940 |
| 4 | Wettability | seconds | 32 | max 120 | IS:6940 |
| 5 | Mancozeb Content | % | 74.82 | +5-3% of the nominal value (75) | IS:8707 |
| 6 | Zinc Content of Mancozeb Content | % | 2.56 | min 2.5 | IS:8707 |
| 7 | Manganese content of Mancozeb | % | 20.16 | min 20 | IS:8707 |

Opinion : The received sample of Mancozeb 75% WP conforms to IS:8708-2006 w.r.t. above tests.

End of Report



For Idma Laboratories Limited

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Certificate No. : T-0187

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TEST REPORT

| | | | | |
|----------------------------------|---|----------------|----------------|--------------|
| Ref. No. IL/D-1504 | Date 23.05.17 | Lab No. | 200517L-PP-007 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | | |
| Type of Sample | Mancozeb 75% WP | | | |
| Work Order No. | NIL | Dated | 19/05/2017 | |
| Customer's Description of Sample | Mancozeb 75% WP (Uthane M-45) | | | |
| Quantity | 500 gm | | | |
| Packing, Markings, Seal | Sample Packed in Aluminium Pouch & Sealed in Cloth Bag | | | |
| Mode of Receipt of Sample | By Hand | | | |
| Date of Receipt of Sample | 20/05/2017 | Batch No. | E01SMZ0004 ✓ | |
| Period of Analysis | 23/05/2017 To 23/05/2017 | Date of Mfg. | 09/05/2017 | |
| Date of Reporting | 23/05/2017 | Date of Expiry | 08/05/2019 | |
| Visual Observation | N/A | | | |
| Testing Protocol | IS:8708-2006 | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|---------|--|--|--------------|
| 1 | Discription | -- | Yellow(Greenish Tinge), Homogeneous powder. It wets readily on mixing with water providing a suspension suitable for use as a spray. | The Material shall be in the form of homogenous powder yellowish-to-yellowish green in colour Is shall wet readily on mixing with water providing a suspension suitable for spray. | IS:8708-2006 |
| 2 | Material Passing through 45 micron IS: Sieve | % | 99.22 | min 99 | IS:6940 |
| 3 | Suspensibility | % | 52.88 | min 50 | IS:6940 |
| 4 | Wettability | seconds | 38 | max 120 | IS:6940 |
| 5 | Mancozeb Content | % | 74.52 | +5-3% of the nominal value (75) | IS:8707 |
| 6 | Zinc Content of Mancozeb Content | % | 02.52 | min 2.5 | IS:8707 |
| 7 | Manganese content of Mancozeb | % | 20.26 | min 20 | IS:8707 |

Opinion : The received sample of Mancozeb 75% WP conforms to IS:8708-2006 w.r.t.above tests.

End of Report



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TEST REPORT

| | | | | |
|----------------------------------|---|----------------|----------------|--------------|
| Ref. No. IL/D-1505 | Date 23.05.17 | Lab No. | 200517L-PP-008 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | | |
| Type of Sample | Mancozeb 75% WP | | | |
| Work Order No. | NIL | Dated | 19/05/2017 | |
| Customer's Description of Sample | Mancozeb 75% WP (Uthane M-45) | | | |
| Quantity | 500 gm | | | |
| Packing, Markings, Seal | Sample Packed in Aluminium Pouch & Sealed in Cloth Bag | | | |
| Mode of Receipt of Sample | By Hand | | | |
| Date of Receipt of Sample | 20/05/2017 | Batch No. | E01SMZ0005 | |
| Period of Analysis | 23/05/2017 To 23/05/2017 | Date of Mfg. | 10/05/2017 | |
| Date of Reporting | 23/05/2017 | Date of Expiry | 09/05/2019 | |
| Visual Observation | N/A | | | |
| Testing Protocol | IS:8708-2006 | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|---------|--|--|--------------|
| 1 | Discription | -- | Yellow(Greenish Tinge), Homogeneous powder. It wets readily on mixing with water providind a suspension suitable for use as a spray. | The Material shall be in the form of homogenous powder yellowish-to-yellowish green in colour Is shall wet readily on mixing with water providing a suspension suitable for spray. | IS:8708-2006 |
| 2 | Material Passing through 45 micron IS: Sieve | % | 99.1 | min 99 | IS:6940 |
| 3 | Suspensibility | % | 51.96 | min 50 | IS:6940 |
| 4 | Wettability | seconds | 41 | max 120 | IS:6940 |
| 5 | Mancozeb Content | % | 74.13 | +5-3% of the nominal value (75) | IS:8707 |
| 6 | Zinc Content of Mancozeb Content | % | 02.55 | min 2.5 | IS:8707 |
| 7 | Manganese content of Mancozeb | % | 20.42 | min 20 | IS:8707 |

Opinion : The received sample of Mancozeb 75% WP conforms to IS:8708-2006 w.r.t. above tests.

End of Report

For Idma Laboratories Limited



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Certificate No. : T-0187

TEST REPORT

| | | | | |
|----------------------------------|---|----------------|----------------|--------------|
| Ref. No. IL/D-1506 | Date 23-05-17 | Lab No. | 200517L-PP-009 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | | |
| Type of Sample | Mancozeb 75% WP | | | |
| Work Order No. | NIL | Dated | 19/05/2017 | |
| Customer's Description of Sample | Mancozeb 75% WP (Uthane M-45) | | | |
| Quantity | 500 gm | | | |
| Packing, Markings, Seal | Sample Packed in Aluminium Pouch & Sealed in Cloth Bag | | | |
| Mode of Receipt of Sample | By Hand | | | |
| Date of Receipt of Sample | 20/05/2017 | Batch No. | E01SMZ0006 | |
| Period of Analysis | 23/05/2017 To 23/05/2017 | Date of Mfg. | 11/05/2017 | |
| Date of Reporting | 23/05/2017 | Date of Expiry | 10/05/2019 | |
| Visual Observation | N/A | | | |
| Testing Protocol | IS:8708-2006 | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|---------|--|--|--------------|
| 1 | Discription | -- | Yellow(Greenish Tinge), Homogeneous powder. It wets readily with water providing a suspension suitable for use as a spray. | The Material shall be in the form of homogenous powder yellowish-to-yellowish green in colour Is shall wet readily on mixing with water providing a suspension suitable for spray. | IS:8708-2006 |
| 2 | Material Passing through 45 micron IS: Sieve | % | 99.28 | min 99 | IS:6940 |
| 3 | Suspensibility | % | 53.04 | min 50 | IS:6940 |
| 4 | Wettability | seconds | 38 | max 120 | IS:6940 |
| 5 | Mancozeb Content | % | 74.92 | +5-3% of the nominal value (75) | IS:8707 |
| 6 | Zinc Content of Mancozeb Content | % | 02.52 | min 2.5 | IS:8707 |
| 7 | Manganese content of Mancozeb | % | 20.92 | min 20 | IS:8707 |

Opinion : The received sample of Mancozeb 75% WP conforms to IS:8708-2006 w.r.t. above tests.

End of Report



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TEST REPORT

| | | | | |
|----------------------------------|---|---------|----------------|------------------|
| Ref. No. IL/D- 1507 | Date 23.05.17 | Lab No. | 200517L-PP-010 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | | |
| Type of Sample | Mancozeb 75% WP | | | |
| Work Order No. | NIL | | | Dated 19/05/2017 |
| Customer's Description of Sample | Mancozeb 75% WP (Uthane M-45) | | | |
| Quantity | 500 gm | | | |
| Packing, Markings, Seal | Sample Packed in Aluminium Pouch & Sealed in Cloth Bag | | | |
| Mode of Receipt of Sample | By Hand | | | |
| Date of Receipt of Sample | 20/05/2017 | | Batch No. | E01SMZ0007 |
| Period of Analysis | 23/05/2017 To 23/05/2017 | | Date of Mfg. | 12/05/2017 |
| Date of Reporting | 23/05/2017 | | Date of Expiry | 11/05/2019 |
| Visual Observation | N/A | | | |
| Testing Protocol | IS:8708-2006 | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|---------|---|--|--------------|
| 1 | Discription | -- | Yellow(Greenish Tinge) homogeneous powder. It wets readily with water providing a suspension suitable for use as a spray. | The Material shall be in the form of homogenous powder yellowish-to-yellowish green in colour Is shall wet readily on mixing with water providing a suspension suitable for spray. | IS:8708-2006 |
| 2 | Material Passing through 45 micron IS: Sieve | % | 99.12 | min 99 | IS:6940 |
| 3 | Suspensibility | % | 52.98 | min 50 | IS:6940 |
| 4 | Wettability | seconds | 41 | max 120 | IS:6940 |
| 5 | Mancozeb Content | % | 74.38 | +5-3% of the nominal value (75) | IS:8707 |
| 6 | Zinc Content of Mancozeb Content | % | 02.62 | min 2.5 | IS:8707 |
| 7 | Manganese content of Mancozeb | % | 20.22 | min 20 | IS:8707 |

Opinion : The received sample of Mancozeb 75% WP conforms to IS:8708-2006 w.r.t. above tests.

End of Report



For Idma Laboratories Limited

Trivedi
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TM/1/11/11

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TEST REPORT

| | | | | |
|----------------------------------|---|-------------------------|------------|--------------|
| Ref. No. IL/D- 1498 | Date 23.05.17 | Lab No. 190517PP-NL-003 | 428 | Page No. 1/2 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | | |
| Type of Sample | Hexythiazox 5.45%E.C | | | |
| Work Order No. | NIL | Dated | 18/05/2017 | |
| Customer's Description of Sample | Hexythiazox 5.45%E.C (MAIDEN) | | | |
| Quantity | 100 ml | | | |
| Packing, Markings, Seal | Sample Packed in Plastic Bottle & Sealed in Paper envelope | | | |
| Mode of Receipt of Sample | Courier | | | |
| Date of Receipt of Sample | 19/05/2017 | Batch No. | JMX17LD018 | |
| Period of Analysis | 20/05/2017 To 20/05/2017 | Date of Mfg. | 04/2017 | |
| Date of Reporting | 20/05/2017 | Date of Expiry | 03/2019 | |
| Visual Observation | N/A | | | |
| Testing Protocol | Product Specification | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|-------|--|--|----------------|
| 1 | Description | -- | Light yellowish clear homogeneous liquid. It forms an emulsion on mixing with water suitable for use as a spray. | The Material shall be in the form of clear stable & homogeneous liquid free from sediment suspended matter shall be negligible It shall forms an emulsion on dilution with water suitable for spray. | -- |
| 2 | Cold test 10 deg C (for 1 hrs) <i>HDO(HR) / HSD 25/5/17 SAB</i> | deg C | No turbidity or separation of oily layer (at the top) or sediment (at the bottom) 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 | 46 | Above 24.5 | IS:1448 (P-20) |
| 4 | Emulsion on stability 1 of 100ml emulsion prepare with std hard water kept for 1 hrs | ml | Creaming - NIL, sediments- NIL, Total | Any Separation including creaming and sediment shall | IS:6940-1982 |

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TEST REPORT

| Ref. No. IL/D-1498 | | Date | 23.05.17 | Lab No. | 190517PP-NL-003 | Page No. | 2/2 |
|--------------------|--|-------|------------------|------------------------------------|-----------------|----------|-----|
| S.No. | Test Parameter | Units | Results | Specifications | Test Method | | |
| 4 | at 30+1-1 deg C | | separation- NIL. | not exceed 2.0ml | | | |
| 5 | Hexythiazox Content | %m/m | 5.428 | +10-5% of the nominal value (5.45) | I.H.M | | |
| 6 | Acidity (as H ₂ SO ₄) | %m/m | 0.028 | Max 0.5 | IS:6940-1982 | | |

Opinion : The sample Hexythiazox 5.45% EC conforms to the products specifications.

End of Report

For Idma Laboratories Limited


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TEST REPORT

| | | | |
|----------------------------------|---|-------------------------|--------------|
| Ref. No. IL/D-1499 | Date 23-05-17 | Lab No. 190517PP-NL-004 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | |
| Type of Sample | Thiophanate Methyl 70% WP | | |
| Work Order No. | NIL | Dated | 18/05/2017 |
| Customer's Description of Sample | Thiophanate Methyl 70% WP (ROKO) | | |
| Quantity | 100 gm | | |
| Packing, Markings, Seal | Sample Packed in Polythene Pouch & Sealed in Paper Envelope | | |
| Mode of Receipt of Sample | Courier | | |
| Date of Receipt of Sample | 19/05/2017 | Batch No. | JR017PE035 ✓ |
| Period of Analysis | 20/05/2017 To 20/05/2017 | Date of Mfg. | 05/2017 |
| Date of Reporting | 20/05/2017 | Date of Expiry | 04/2019 |
| Visual Observation | N/A | | |
| Testing Protocol | IS:14552-1998 | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|--|---------|--|---|--------------------|
| 1 | Description | -- | White coloured, free flowing, homogeneous powder. it does not have extraneous matter. It wets readily on mixing with water providing a suspension suitable for use as a spray. | The Material shall be in the form of a fine, free flowing light brown to cream coloured homogeneous powder, free from extraneous impurities. It shall wet readily on mixing with water providing a suspension suitable for spray. | IS:14552-1998 8 |
| 2 | Thiophanate Methyl Content | %m/m | 69.44 | +5-3% of the nominal value (70) | IS:14551-1998 8 |
| 3 | Material Passing through 75 micron IS: Sieve | %m/m | 98.9 | Min 98 | IS:6940-1982 |
| 4 | Suspensibility | %m/m | 53.6 | Min 50.0 | IS:6940-1982 |
| 5 | Acidity (as H ₂ SO ₄) | %m/m | 0.036 | Max 0.20 | IS:6940-1982 |
| 6 | Wettability | seconds | 25 | Max 120 | IS:6940-1982 |

Opinion : The sample of Thiophanate Methyl 70% WP conforms to IS:14552-1998.

End of Report

For Idma Laboratories Limited

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TEST REPORT

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26/5/17

| | | | | |
|----------------------------------|---|-------------------------|----------------|-------------|
| Ref. No. IL/D-1532 | Date 25.05.17 | Lab No. 220517PP-NL-010 | Page No. 1/1 | |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | | |
| Type of Sample | Propineb 70% W.P | | Dated | 20/05/2017 |
| Work Order No. | NIL | | | |
| Customer's Description of Sample | Propineb 70% W.P (ANTRACOL) | | | |
| Quantity | 500 gm | | | |
| Packing, Markings, Seal | Sample Packed in Aluminium Pouch & Sealed in Cartoon Box | | | |
| Mode of Receipt of Sample | Courier | | Batch No. | ANTSA7040 ✓ |
| Date of Receipt of Sample | 22/05/2017 | | Date of Mfg. | 04/05/2017 |
| Period of Analysis | 24/05/2017 To 24/05/2017 | | Date of Expiry | 03/05/2019 |
| Date of Reporting | 24/05/2017 | | | |
| Visual Observation | N/A | | | |
| Testing Protocol | Product Specification | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|--------|--|---|--------------|
| 1 | Description | -- | Off white Homogeneous, free flowing powder. When mixed with water, it provides suspension suitable for use as a spray. | The material shall be in the form of homogenous powder, It shall wet readily on mixing with water suitable for spray. | -- |
| 2 | Propineb Content | %m/m | 70.06 | +5-3% of the Nominal value(70) | I.H.M |
| 3 | Sieving (material passing through 75 micron IS:sieve) | %m/m | 99.5 | Min 98 | IS:6940-1982 |
| 4 | Suspensibility | %m/m | 80.12 | Min 70 | IS:6940-1982 |
| 5 | Acidity (as H2SO4) | %m/m | 0.024 | Max 0.5 | IS:6940-1982 |
| 6 | Wettability | Second | 12 | Max 120 | IS:6940-1982 |

Opinion : The received sample of Propineb 70% WP conforms to the product specifications w.r.t. above tests.

End of Report

Dr. Anshu, HPC
26/5/17
SAC



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TEST REPORT

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| | | | | |
|----------------------------------|---|-------------------------|----------------|------------|
| Ref. No. IL/D-1533 | Date 25.05.17 | Lab No. 220517PP-NL-011 | | |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | | |
| Type of Sample | Propineb 70% W.P | | Dated | 20/05/2017 |
| Work Order No. | NIL | | | |
| Customer's Description of Sample | Propineb 70% W.P (ANTRACOL) | | | |
| Quantity | 500 gm | | | |
| Packing, Markings, Seal | Sample Packed in Aluminium Pouch & Sealed in Cartoon Box | | | |
| Mode of Receipt of Sample | Courier | | | |
| Date of Receipt of Sample | 22/05/2017 | Batch No. | ANTSA7041 ✓ | |
| Period of Analysis | 23/05/2017 To 24/05/2017 | | Date of Mfg. | 05/05/2017 |
| Date of Reporting | 24/05/2017 | | Date of Expiry | 04/05/2019 |
| Visual Observation | N/A | | | |
| Testing Protocol | Product Specification | | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|--------|--|---|--------------|
| 1 | Description | -- | Off white Homogeneous, free flowing powder. When mixed with water, it provides suspension suitable for use as a spray. | The material shall be in the form of homogenous powder, It shall wet readily on mixing with water suitable for spray. | -- |
| 2 | Propineb Content | %m/m | 70.22 | +5-3% of the Nominal value(70) | I.H.M |
| 3 | Sieving (material passing through 75 micron IS:sieve) | %m/m | 99.46 | Min 98 | IS:6940-1982 |
| 4 | Suspensibility | %m/m | 80.16 | Min 70 | IS:6940-1982 |
| 5 | Acidity (as H2SO4) | %m/m | 0.018 | Max 0.5 | IS:6940-1982 |
| 6 | Wettability | Second | 11 | Max 120 | IS:6940-1982 |

Opinion : The received sample of Propineb 70% WP conforms to the product specifications w.r.t. above tests.

End of Report



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TEST REPORT

| | | | |
|----------------------------------|---|-------------------------|--------------|
| Ref. No. IL/D-1534 | Date 25.05.17 | Lab No. 220517PP-NL-012 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | |
| Type of Sample | Propineb 70% W.P | | |
| Work Order No. | NIL | Dated | 20/05/2017 |
| Customer's Description of Sample | Propineb 70% W.P (ANTRACOL) | | |
| Quantity | 500 gm | | |
| Packing, Markings, Seal | Sample Packed in Aluminium Pouch & Sealed in Cartoon Box | | |
| Mode of Receipt of Sample | Courier | | |
| Date of Receipt of Sample | 22/05/2017 | Batch No. | ANTSA7042 |
| Period of Analysis | 23/05/2017 To 24/05/2017 | Date of Mfg. | 06/05/2017 |
| Date of Reporting | 24/05/2017 | Date of Expiry | 05/05/2019 |
| Visual Observation | N/A | | |
| Testing Protocol | Product Specification | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|--------|--|---|--------------|
| 1 | Description | -- | Off white Homogeneous, free flowing powder. When mixed with water, it provides suspension suitable for use as a spray. | The material shall be in the form of homogenous powder, It shall wet readily on mixing with water suitable for spray. | -- |
| 2 | Propineb Content | %m/m | 69.96 | +5-3% of the Nominal value(70) | I.H.M |
| 3 | Sieving (material passing through 75 micron IS:sieve) | %m/m | 99.6 | Min 98 | IS:6940-1982 |
| 4 | Suspensibility | %m/m | 81.10 | Min 70 | IS:6940-1982 |
| 5 | Acidity (as H2SO4) | %m/m | 0.026 | Max 0.5 | IS:6940-1982 |
| 6 | Wettability | Second | 12 | Max 120 | IS:6940-1982 |

Opinion : The received sample of Propineb 70% WP conforms to the product specifications w.r.t. above tests.

End of Report

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TEST REPORT

| | | | |
|----------------------------------|---|-------------------------|--------------|
| Ref. No. IL/D-1532 | Date 25.05.17 | Lab No. 220517PP-NL-010 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | |
| Type of Sample | Propineb 70% W.P | | |
| Work Order No. | NIL | Dated | 20/05/2017 |
| Customer's Description of Sample | Propineb 70% W.P (ANTRACOL) | | |
| Quantity | 500 gm | | |
| Packing, Markings, Seal | Sample Packed in Aluminium Pouch & Sealed in Cartoon Box | | |
| Mode of Receipt of Sample | Courier | | |
| Date of Receipt of Sample | 22/05/2017 | Batch No. | ANTSA7040 |
| Period of Analysis | 24/05/2017 To 24/05/2017 | Date of Mfg. | 04/05/2017 |
| Date of Reporting | 24/05/2017 | Date of Expiry | 03/05/2019 |
| Visual Observation | N/A | | |
| Testing Protocol | Product Specification | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|--------|--|---|--------------|
| 1 | Description | -- | Off white Homogeneous, free flowing powder. When mixed with water, it provides suspension suitable for use as a spray. | The material shall be in the form of homogenous powder, It shall wet readily on mixing with water suitable for spray. | -- |
| 2 | Propineb Content | %m/m | 70.06 | +5-3% of the Nominal value(70) | I.H.M |
| 3 | Sieving (material passing through 75 micron IS:sieve) | %m/m | 99.5 | Min 98 | IS:6940-1982 |
| 4 | Suspensibility | %m/m | 80.12 | Min 70 | IS:6940-1982 |
| 5 | Acidity (as H2SO4) | %m/m | 0.024 | Max 0.5 | IS:6940-1982 |
| 6 | Wettability | Second | 12 | Max 120 | IS:6940-1982 |

Opinion : The received sample of Propineb 70% WP conforms to the product specifications w.r.t. above tests.

End of Report

Asst. Manager
30/5/17
SPO



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TEST REPORT

| | | | |
|----------------------------------|---|-------------------------|---------------------------|
| Ref. No. IL/D- 1533 | Date 25-05-17 | Lab No. 220517PP-NL-011 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | |
| Type of Sample | Propineb 70% W.P | | Dated 20/05/2017 |
| Work Order No. | NIL | | |
| Customer's Description of Sample | Propineb 70% W.P (ANTRACOL) | | |
| Quantity | 500 gm | | |
| Packing, Markings, Seal | Sample Packed in Aluminium Pouch & Sealed in Cartoon Box | | |
| Mode of Receipt of Sample | Courier | | |
| Date of Receipt of Sample | 22/05/2017 | Batch No. ANTSA7041 | Date of Mfg. 05/05/2017 |
| Period of Analysis | 23/05/2017 To 24/05/2017 | | Date of Expiry 04/05/2019 |
| Date of Reporting | 24/05/2017 | | |
| Visual Observation | N/A | | |
| Testing Protocol | Product Specification | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|--------|--|---|--------------|
| 1 | Description | -- | Off white Homogeneous, free flowing powder. When mixed with water, it provides suspension suitable for use as a spray. | The material shall be in the form of homogenous powder. It shall wet readily on mixing with water suitable for spray. | -- |
| 2 | Propineb Content | %m/m | 70.22 | +5-3% of the Nominal value(70) | I.H.M |
| 3 | Sieving (material passing through 75 micron IS:sieve) | %m/m | 99.46 | Min 98 | IS:6940-1982 |
| 4 | Suspensibility | %m/m | 80.16 | Min 70 | IS:6940-1982 |
| 5 | Acidity (as H2SO4) | %m/m | 0.018 | Max 0.5 | IS:6940-1982 |
| 6 | Wettability | Second | 11 | Max 120 | IS:6940-1982 |

Opinion : The received sample of Propineb 70% WP conforms to the product specifications w.r.t. above tests.
End of Report

For Idma Laboratories Limited

Authorized Signatory





Idma Laboratories Limited

(A Government Approved Test House)

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

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30/5/17

TEST REPORT

| | | | |
|----------------------------------|---|-------------------------|--------------|
| Ref. No. IL/D/1534 | Date 25-05-17 | Lab No. 220517PP-NL-012 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | |
| Type of Sample | Propineb 70% W.P | | |
| Work Order No. | NIL | Dated | 20/05/2017 |
| Customer's Description of Sample | Propineb 70% W.P (ANTRACOL) | | |
| Quantity | 500 gm | | |
| Packing, Markings, Seal | Sample Packed in Aluminium Pouch & Sealed in Cartoon Box | | |
| Mode of Receipt of Sample | Courier | | |
| Date of Receipt of Sample | 22/05/2017 | Batch No. | ANTSA7042 |
| Period of Analysis | 23/05/2017 To 24/05/2017 | Date of Mfg. | 06/05/2017 |
| Date of Reporting | 24/05/2017 | Date of Expiry | 05/05/2019 |
| Visual Observation | N/A | | |
| Testing Protocol | Product Specification | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|---|--------|--|---|--------------|
| 1 | Description | -- | Off white Homogeneous, free flowing powder. When mixed with water, it provides suspension suitable for use as a spray. | The material shall be in the form of homogenous powder, It shall wet readily on mixing with water suitable for spray. | -- |
| 2 | Propineb Content | %m/m | 69.96 | +5-3% of the Nominal value(70) | I.H.M |
| 3 | Sieving (material passing through 75 micron IS:sieve) | %m/m | 99.6 | Min 98 | IS:6940-1982 |
| 4 | Suspensibility | %m/m | 81.10 | Min 70 | IS:6940-1982 |
| 5 | Acidity (as H2SO4) | %m/m | 0.026 | Max 0.5 | IS:6940-1982 |
| 6 | Wettability | Second | 12 | Max 120 | IS:6940-1982 |

Opinion : The received sample of Propineb 70% WP conforms to the product specifications w.r.t. above tests.

End of Report

For Idma Laboratories Limited

Heena
Authorized Signatory

JAS-ANZ





Idma Laboratories Limited

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476
30/5/17
HIMACHAL PRADESH

TEST REPORT

| | | | |
|----------------------------------|---|-------------------------|--------------|
| Ref. No. IL/D-1546 | Date 25.05.17 | Lab No. 200517PP-NL-001 | Page No. 1/1 |
| Customer | Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh | | |
| Type of Sample | Hexaconazole 5% EC | | |
| Work Order No | NIL | Dated | 19/05/2017 |
| Customer's Description of Sample | Hexaconazole 5% EC (CONTAF) | | |
| Quantity | 100 ml | | |
| Packing, Markings, Seal | Sample Packed in Aluminium Bottle & Sealed in Paper envelope | | |
| Mode of Receipt of Sample | By Hand | | |
| Date of Receipt of Sample | 20/05/2017 | Batch No. | AK02633 |
| Period of Analysis | 22/05/2017 To 23/05/2017 | Date of Mfg. | 09/05/2017 |
| Date of Reporting | 23/05/2017 | Date of Expiry | 08/05/2019 |
| Visual Observation | N/A | | |
| Testing Protocol | IS:14550-1998 | | |

RESULTS

| S.No. | Test Parameter | Units | Results | Specifications | Test Method |
|-------|-------------------------------------|-------|---|--|--------------------|
| 1 | Description | - | Colourless; clear; stable; Homogeneous liquid free from sediments and suspended matter. It readily forms an emulsion on dilution with water which is suitable for use as a spray. | The material shall be a clear, stable homogeneous liquid. It shall be free from sediment and suspended matter. on dilution with water .it shall readily form an emulsion, suitable for use as spray. | IS:14550-1998 8 |
| 2 | Cold test at 10 Deg.c (For 1 hours) | Deg.c | No turbidity or separation of oily layer(at the top) or sediments(at the bottom) or both at the end of the test. | No turbidity or sepration of solid or oily matter or both shall occur at the end of the test. | IS:6940-1982 |
| 3 | Flash point (Abel) | Deg.c | 42 | Above 24.5 | IS:1448(P-2) |
| 4 | Hexaconazole content | %m/m | 04.96 | +10-5% of the nominal value(5) | IS:14549-1998 8 |
| 5 | Acidity (as h2so4) | %m/m | 0.032 | Max.0.5 | IS:6940-1982 |

Opinion : The received sample of Hexaconazole 5% EC conforms to IS:4550-1998 w.r.t. above tests.

End of Report

Handwritten notes: HDO/HR/HBO, 30/5/17, SPPG



For Idma Laboratories Limited

Authorized Signatory

