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SPPO
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23/2/18

TEST REPORT

Ref. No. IL/D-0492	Date 21-02-18	Lab No. 170218PP-NL-012	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Dodine 65% WP		
Work Order No.	NIL		
Customer's Description of Sample	Dodine 65% WP (Syllit)		
Quantity	100 g		
Packing, Markings, Seal	Sample Packed in Cartoon Box & Sealed in Paper Envelope		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	17/02/2018		
Period of Analysis	19/02/2018 To 19/02/2018		
Date of Reporting	19/02/2018		
Visual Observation	N/A		
Testing Protocol	IS:13785-1993		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	—	White free flowing homogeneous powder without any visible extraneous impurities. It wets readily with water providing a suspension suitable for 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	65.06	+5-3 % of the nominal value (65)	IS:13785-1993
3	Sieving (Material Passing through 75 micron IS: Sieve	%m/m	99.16	Min 99.0	IS:6940-1982
4	Suspensibility	%m/m	70.88	Min 70.0	IS:6940-1982
5	Alkalinity (as NaOH)	%m/m	0.018	Max 0.1	IS:6940-1982
6	Wettability	seconds	92	Max 120	IS:6940-1982

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

End of Report

For Idma Laboratories Limited

Authorized Signatory



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SPPC
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23/2/18

TEST REPORT

Ref. No. IL/D- 10491	Date 21/02/18	Lab No. 170218PP-NL-011	Page 22/2
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Dodine 65% WP		
Work Order No.	NIL		
Customer's Description of Sample	Dodine 65% WP (Syllit)		
Quantity	100 g		
Packing, Markings, Seal	Sample Packed in Cartoon Box & Sealed in Paper Envelope		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	17/02/2018		
Period of Analysis	19/02/2018 To 19/02/2018		
Date of Reporting	19/02/2018		
Visual Observation	N/A		
Testing Protocol	IS:13785-1993		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	White free flowing homogeneous powder without any visible impurities. It wets readily 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	64.94	+5-3 % of the nominal value (65)	IS:13785-1993
3	Sieving (Material Passing through 75 micron IS: Sieve	%m/m	99.32	Min 99.0	IS:6940-1982
4	Suspensibility	%m/m	71.22	Min 70.0	IS:6940-1982
5	Alkalinity (as NaOH)	%m/m	0.024	Max 0.1	IS:6940-1982
6	Wettability	seconds	92	Max 120	IS:6940-1982

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

End of Report

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2317
Date: 8-3-18

TEST REPORT

Ref. No. ILD- 10874	Date 06-03-18	Lab No. 270218PP-NL-006	Page No. 1/2
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Oxydemeton Methyl 25%EC ✓		
Work Order No.	Nil	Dated	27/02/2018
Customer's Description of Sample	Oxydemeton Methyl 25%EC (Metasystox)		
Quantity	250 ML		
Packing, Markings, Seal	Sealed Tin Jar & Further Packed in Cloth Bag, Duly Sealed & Signed		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	27/02/2018	Batch No.	AP3MTX2502
Period of Analysis	28/02/2018 To 28/02/2018	Date of Mfg.	25/01/2018 ✓
Date of Reporting	28/02/2018	Date of Expiry	24/01/2019 ✓
Visual Observation	N/A		
Testing Protocol	IS:8259-1976		

RESULTS

S.No.	Test Parameter	Units	Results	Requirement	Test Method
1	Description	-	Yellow colour; Homogeneous; Stable liquid free from sediments and suspended matter. On dilution with water, it provides an emulsion which is suitable for use as a spray. HED HAD 28/3/18 HAD	The material shall be a stable liquid and shall be free from suspended matter and sediment.	IS:8259-1976
2	Cold test at 10 deg.c	-	No turbidity or separation of oily layer(at the top) or sediments(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	Deg.c	47.1	above 24.5	IS:1448(P-20)

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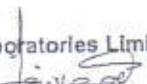
TEST REPORT

Ref. No. IL/D- 10874		Date 06-02-18	Lab No. 270218PP-NL-006	Page No. 2/2	
S.No.	Test Parameter	Units	Results	Requirement	Test Method
4	Emulsion stability(100 ml emulsion prepared with std.hard water and kept for 1hr at 30±1°C	ml	Creaming-nil; Sediments-nil. Total Separation-nil.	The creaming or the sediment,if any, shall not in either case exceed 2.0ml.	IS:6940-1982
5	Oxydemeton methyl content	%m/m	24.92	±5% of the nominal value(25)	IS:8258-1976
6	Acidity (as H ₂ SO ₄)	%m/m	0.44	Max 0.5%	IS:6940-1982

Opinion : The received sample of Oxydemeton Methyl 25% EC(metasyslo) conforms to IS:8258-1976 w.r.t above tests.

End of Report

For Idma Laboratories Limited


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TEST REPORT

Ref. No. IL/D-10917	Date 07-03-18	Lab No. 050318PP-NL-001	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shilma-2 Himachal Pradesh		
Type of Sample	Hexaconazole 5% EC		
Work Order No.	NIL		
Customer's Description of Sample	Hexaconazole 5% EC (CONTAF 5 E)		
Quantity	100 ml		
Packing, Markings, Seal	Sample Packed in Aluminium Bottle & Sealed In Paper envelope		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	05/03/2018	Batch No.	AK02777 ✓
Period of Analysis	06/03/2018 To 06/03/2018	Date of Mfg.	07/02/2018 ✓
Date of Reporting	06/03/2018	Date of Expiry	06/02/2020 ✓
Visual Observation	N/A		
Testing Protocol	IS:14550-1998		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	-	Colourless; clear; stable liquid free from sediments and suspended matter. On dilution with water, it provides an emulsion 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
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 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	46.3	Above 24.5	IS:1448(P-2)
4	Hexaconazole content	%m/m	05.06	+10-5% of the nominal value(5)	IS:14549-1998
5	Acidity (as h ₂ so ₄)	%m/m	00.01	Max.0.5	IS:6940-1982

Opinion : The received sample of HEXACONAZOLE 5% EC conforms to IS:14550-1998 w.r.t. above tests.

End of Report

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Certified No.: T-0187

Ref. No. ILD- 10916	Date 07-03-18	TEST REPORT	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Copper Oxychloride 50% WP		
Work Order No.	NIL		
Customer's Description of Sample	Copper Oxychloride 50% WP (BLITOX)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Paper envelope		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	05/03/2018	Batch No.	AW01457
Period of Analysis	06/03/2018 To 06/03/2018	Date of Mfg.	10/02/2018
Date of Reporting	06/03/2018	Date of Expiry	09/02/2020
Visual Observation	N/A		
Testing Protocol	IS:1507-1977		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	—	Green coloured powder. Devoid of lumps. Readily wets with water providing a suspension which is suitable for use as a spray.	The material shall be in the forms of free flowing homogeneous powder, devoid of hard lumps and of uniform green to greenish blue in colour. It shall wet readily on mixing with water providing suspension suitable for spray.	IS:1507-1977
2	Copper content	% By Mass	50.34	+5-5% of the nominal value (50)	IS:1506-1977
3	Suspensibility	% By Mass	80.72	Min 80.0	IS:6940-1982
4	pH of 1 % aqueous dispersion	—	7.4	8.0-9.5	IS:1507-1977

Opinion : The received sample of Copper Oxychloride 50% WP conforms to IS:1507-1977 w.r.t. above tests.

End of Report

For Idma Laboratories Limited
Shivayogi

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TEST REPORT

Ref. No. ILD-10848	Date 06.03.18	Lab No. 280218PP-NL-018	Page No. 1/1		
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh				
Type of Sample	Dodine 65% WP (Noor)				
Work Order No.	NIL	Dated	27/02/2018		
Customer's Description of Sample	Dodine 65% WP (Noor)				
Quantity	100 gm				
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in HDPE Bag				
Mode of Receipt of Sample	By Hand				
Date of Receipt of Sample	28/02/2018	Batch No.	DNR151		
Period of Analysis	05/03/2018 To 05/03/2018	Date of Mfg.	10/02/2018		
Date of Reporting	05/03/2018	Date of Expiry	09/02/2020		
Visual Observation	N/A				
Testing Protocol	IS:13785-1993				

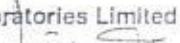
RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	White; Homogeneous; free flowing powder. Readily wets 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	64.84	+5-3 % of the nominal value (65)	IS:13785-1993
3	Sieving (Material Passing through 75 micron IS: Sieve	%m/m	99.34	Min 99.0	IS:6940-1982
4	Suspensibility	%m/m	70.28	Min 70.0	IS:6940-1982
5	Alkalinity (as NaOH)	%m/m	00.018	Max 0.1	IS:6940-1982
6	Wettability	seconds	88	Max 120	IS:6940-1982

Opinion : The received sample of Dodine 65% WP (Nccr) conforms to IS:13785-1993 w.r.t. above tests.

End of Report

For Idma Laboratories Limited


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TEST REPORT

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Page No. 1/1

Ref. No. IL/D-10843	Date 26-02-18	Lab No. 280218L-PP-001	
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL		Dated 27/02/2018
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in HDPE Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	26/02/2018	Batch No.	TMZ18-0046 ✓
Period of Analysis	01/03/2018 To 05/03/2018	Date of Mfg.	19/02/2018
Date of Reporting	05/03/2018	Date of Expiry	18/02/2020
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	—	Yellow (Green shade), Homogenous powder. No visible impurities detected. Readily wets 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. It shall wet readily on mixing with water providing a suspension suitable for spray.	IS:8708-2006
2	Material Passing through 45 micron IS: Sieve	%	99.24	min 99	IS:6940
3	Suspensibility	%	52.98	min 50	IS:6940
4	Wettability	seconds	38	max 120	IS:6940
5	Mancozeb Content	%	74.25	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	02.66	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.48	min 20	IS:8707

Opinion : The received sample of Mancozeb 75% WP(Indofil M-45) conforms to IS:8708-2006 w.r.t. above tests.

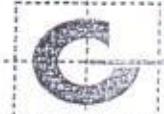
End of Report

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TEST REPORT

Ref. No. IL/D- 10844	Date 06-02-18	Lab No. 280218L-PP-002	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL	Dated	27/02/2018
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed In HDPE Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	28/02/2018	Batch No.	TMZ18-0047
Period of Analysis	01/03/2018 To 05/03/2018	Date of Mfg.	19/02/2018
Date of Reporting	05/03/2018	Date of Expiry	18/02/2020
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Yellow (Green shade), Homogenous powder. No visible impurities detected. Readily wets 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 & shall wet readily on mixing with water providing a suspension suitable for spray.	IS:8708-2006
2	Material Passing through 45 micron IS: Sieve	%	99.16	min 99	IS:6940
3	Suspensibility	%	54.38	min 50	IS:6940
4	Wettability	seconds	38	max 120	IS:6940
5	Mancozeb Content	%	74.88	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	02.74	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.98	min 20	IS:8707

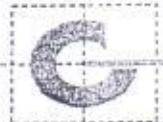
Opinion : The received sample of Mancozeb 75% WP(Indofil M-45) conforms to IS:8708-2006 w.r.t. above tests.

End of Report**



For Idma Laboratories Limited
12/02/2018
Authorized Signatory
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Certification No : T-0187

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TEST REPORT

Ref. No. ILD- 10845	Date 06.03.2018	Lab No. 280218L-PP-003	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL		
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in HDPE Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	28/02/2018	Batch No.	TMZ18-0048
Period of Analysis	01/03/2018 To 05/03/2018	Date of Mfg.	19/02/2018
Date of Reporting	05/03/2018	Date of Expiry	18/02/2020
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Yellow (Green shade), Homogenous powder. No visible Impurities detected. Readily wets 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. It shall wet readily on mixing with water providing a suspension suitable for spray.	IS:8708-2006
2	Material Passing through 45 micron IS: Sieve	%	99.08	min 99	IS:6940
3	Suspensibility	%	54.68	min 50	IS:6940
4	Wettability	seconds	38	max 120	IS:6940
5	Mancozeb Content	%	75.02	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	02.66	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	21.02	min 20	IS:8707

Opinion : The received sample of Mancozeb 75% WP(Indofil M-45) 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. ILD-10846	Date 06.02.18	Lab No. 280218L-PP-004	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL		Dated 27/02/2018
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in HDPE Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	28/02/2018	Batch No. TMZ18-0049	✓
Period of Analysis	01/03/2018 To 05/03/2018	Date of Mig. 19/02/2018	
Date of Reporting	05/03/2018	Date of Expiry 18/02/2020	
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Yellow (Green shade), Homogenous powder. No visible impurities detected. Readily wets 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. It shall wet readily on mixing with water providing a suspension suitable for spray.	IS:8708-2006
2	Material Passing through 45 micron IS: Sieve	%	99.10	min 99	IS:6940
3	Suspensibility	%	53.16	min 50	IS:6940
4	Wettability	seconds	38	max 120	IS:6940
5	Mancozeb Content	%	74.96	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	02.56	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.98	min 20	IS:8707

Opinion : The received sample of Mancozeb 75% WP(Indofil M-45) conforms to IS:8708-2006 w.r.t. above tests.

End of Report



For Idma Laboratories Limited

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TM/III/III

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Certificate No. : T-0187

TEST REPORT

Ref. No. IL/D- 10847	Date 26-02-18	Lab No. 280218L-PP-005	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL		
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed In Aluminium Pouch & Sealed in HDPE Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	28/02/2018	Batch No.	TMZ18-0050
Period of Analysis	01/03/2018 To 05/03/2018	Date of Mfg.	19/02/2018
Date of Reporting	05/03/2018	Date of Expiry	18/02/2020
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Yellow (Green shade), Homogenous powder. No visible impurities detected. Readily wets 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. It shall wet readily on mixing with water providing a suspension suitable for spray.	IS:8708-2006
2	Material Passing through 45 micron IS: Sieve	%	99.20	min 99	IS:6940
3	Suspensibility	%	54.16	min 50	IS:6940
4	Wettability	seconds	39	max 120	IS:6940
5	Mancozeb Content	%	75.06	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	02.48	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	21.04	min 20	IS:8707

Opinion : The received sample of Mancozeb 75% WP(Indofil M-45) conforms to IS:8708-2006 w.r.t. above tests.

End of Report



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TM/IV/2018

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13-3-18

Ref. No. IL/D- 10916	Date 07-03-18	TEST REPORT	Lab No. 050318L-PP-001	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh			
Type of Sample	Copper Oxychloride 50% WP			
Work Order No.	NIL		Dated	01/03/2018
Customer's Description of Sample	Copper Oxychloride 50% WP (BLITOX)			
Quantity	500 gm			
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Paper envelope			
Mode of Receipt of Sample	Courier			
Date of Receipt of Sample	05/03/2018	Batch No.	AW01457	
Period of Analysis	06/03/2018 To 06/03/2018	Date of Mfg.	10/02/2018	
Date of Reporting	06/03/2018	Date of Expiry	09/02/2020	
Visual Observation	N/A			
Testing Protocol	IS:1507-1977			

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Green coloured powder. Devoid of lumps. Readily wets with water providing a suspension which is suitable for use as a spray.	The material shall be in the forms of free flowing homogeneous powder, devoid of hard lumps and of uniform green to greenish blue in colour. It shall wet readily on mixing with water providing suspension suitable for spray.	IS:1507-1977
2	Copper content	% By Mass	50.34	+5-5% of the nominal value (50)	IS:1506-1977
3	Suspensibility	% By Mass	80.72	Min 80.0	IS:6940-1982
4	pH of 1 % aqueous dispersion	--	7.4	6.0-9.5	IS:1507-1977

Opinion : The received sample of Copper Oxychloride 50% WP conforms to IS:1507-1977 w.r.t. above tests.

→ End of Report**

For Idma Laboratories Limited

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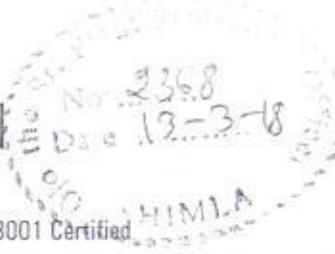
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TEST REPORT

Ref. No. IL/D- 10913	Date 07-03-18	Lab No. 050318PP-NL-001	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Hexaconazole 5% EC		
Work Order No.	NIL		Dated 01/03/2018
Customer's Description of Sample	Hexaconazole 5% EC (CONTAF 5 E)		
Quantity	100 ml		
Packing, Markings, Seal	Sample Packed in Aluminium Bottle & Sealed in Paper envelope		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	05/03/2018	Batch No.	AK02777
Period of Analysis	06/03/2018 To 06/03/2018	Date of Mfg.	07/02/2018
Date of Reporting	06/03/2018	Date of Expiry	06/02/2020
Visual Observation	N/A		
Testing Protocol	IS:14550-1998		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	-	Colourless; clear; stable liquid free from sediments and suspended matter. On dilution with water, it provides an emulsion 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
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 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	46.3	Above 24.5	IS:1448(P-2)
4	Hexaconazole content	%m/m	05.06	+10-5% of the nominal value(5)	IS:14549-1998
5	Acidity (as h ₂ so ₄)	%m/m	00.01	Max.0.5	IS:6940-1982

Opinion : The received sample of HEXACONAZOLE 5% EC conforms to IS:14550-1998 w.r.t. above tests.

End of Report

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For Idma Laboratories Limited
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A.A. Tiwari



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TEST REPORT

Ref. No. IL/D- 10848	Date 06-03-18	Lab No. 280218PP-NL-018	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Dodine 65% WP (Noor)		
Work Order No.	NIL		
Customer's Description of Sample	Dodine 65% WP (Noor)		
Quantity	100 gm		
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in HDPE Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	28/02/2018	Batch No.	DNR151
Period of Analysis	05/03/2018 To 05/03/2018	Date of Mfg.	10/02/2018
Date of Reporting	05/03/2018	Date of Expiry	09/02/2020
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. Readily wets 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	64.84	+5-3 % of the nominal value (65)	IS:13785-1993
3	Sieving (Material Passing through 75 micron IS: Sieve	%m/m	99.34	Min 99.0	IS:6940-1982
4	Suspensibility	%m/m	70.28	Min 70.0	IS:6940-1982
5	Alkalinity (as NaOH)	%m/m	00.018	Max 0.1	IS:6940-1982
6	Wettability	seconds	88	Max 120	IS:6940-1982

Opinion : The received sample of Dodine 65% WP (Noor) conforms to IS:13785-1993 w.r.t. above tests.

End of Report**

For Idma Laboratories Limited

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TEST REPORT

Ref. No. IL/D-10961	Date 09-03-18	Lab No. 080318PP-NL-006	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Dodine 65% WP		
Work Order No.	NIL		
Customer's Description of Sample	Dodine 65% WP (Noor)		
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	08/03/2018	Batch No.	DNR152
Period of Analysis	08/03/2018 To 09/03/2018	Date of Mfg.	14/02/2018
Date of Reporting	09/03/2018	Date of Expiry	13/02/2020
Visual Observation	N/A		
Testing Protocol	IS:13785-1993		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	White, uniform, free flowing powder. Readily wets 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	64.92	+5-3 % of the nominal value (65)	IS:13785-1993
3	Sieving (Material Passing through 75 micron IS: Sieve	%m/m	99.12	Min 99.0	IS:6940-1982
4	Suspensibility	%m/m	72.64	Min 70.0	IS:6940-1982
5	Alkalinity (as NaOH)	%m/m	00.02	Max 0.1	IS:6940-1982
6	Wettability	seconds	72	Max 120	IS:6940-1982

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

End of Report

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No 2363 Certificate No. T-0187

13-3-18

TEST REPORT

Ref. No. IL/D- 10845	Date 06-03-18	Lab No. 280218L-PP-003	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Idma Laboratories Limited	Idma Laboratories Limited		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL	Dated	27/02/2018
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in HDPE Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	28/02/2018	Batch No.	TMZ18-0048
Period of Analysis	01/03/2018 To 05/03/2018	Date of Mfg.	19/02/2018
Date of Reporting	05/03/2018	Date of Expiry	18/02/2020
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Yellow (Green shade), Homogenous powder. No visible impurities detected. Readily wets 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. It shall wet readily on mixing with water providing a suspension suitable for spray.	IS:8708-2006
2	Material Passing through 45 micron IS: Sieve	%	99.08	min 99	IS:6940
3	Suspensibility	%	54.68	min 50	IS:6940
4	Wettability	seconds	38	max 120	IS:6940
5	Mancozeb Content	%	75.02	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	02.66	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	21.02	min 20	IS:8707

Opinion : The received sample of Mancozeb 75% WP(Indofil M-45) 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-10846	Date 06-03-18	Lab No. 280218L-PP-004	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL	Dated	27/02/2018
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in HDPE Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	28/02/2018	Batch No.	TMZ18-0049
Period of Analysis	01/03/2018 To 05/03/2018	Date of Mfg.	19/02/2018
Date of Reporting	05/03/2018	Date of Expiry	18/02/2020
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Yellow (Green shade), Homogenous powder . No visible impurities detected . Readily wets 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	%	99.10	min 99	IS:6940
3	Suspensibility	%	53.16	min 50	IS:6940
4	Wettability	seconds	38	max 120	IS:6940
5	Mancozeb Content	%	74.96	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	02.56	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.98	min 20	IS:8707

Opinion : The received sample of Mancozeb 75% WP(Indofil M-45) conforms to IS:8708-2006 w.r.t. above tests.

End of Report

For Idma Laboratories Limited

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TEST REPORT

Ref. No. IL/D-10847	Date 06.03.18	Lab No. 280218L-PP-005	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL	Dated	27/02/2018
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in HDPE Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	28/02/2018	Batch No.	TMZ18-0050
Period of Analysis	01/03/2018 To 05/03/2018	Date of Mfg.	19/02/2018
Date of Reporting	05/03/2018	Date of Expiry	18/02/2020
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Yellow (Green shade), Homogenous powder. No visible impurities detected. Readily wets 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. It shall wet readily on mixing with water providing a suspension suitable for spray.	IS:8708-2006
2	Material Passing through 45 micron IS: Sieve	%	99.20	min 99	IS:6940
3	Suspensibility	%	54.16	min 50	IS:6940
4	Wettability	seconds	39	max 120	IS:6940
5	Mancozeb Content	%	75.06	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	02.48	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	21.04	min 20	IS:8707

Opinion : The received sample of Mancozeb 75% WP(Indofil M-45) 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-10843	Date 06.03.18	Lab No. 280218L-PP-001	Page No. 1/1
Customer	Director of Horticulture Idma Laboratories Limited Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL		
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in HDPE Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	28/02/2018		
Period of Analysis	01/03/2018 To 05/03/2018		
Date of Reporting	05/03/2018		
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Yellow (Green shade), Homogenous powder . No visible impurities detected . Readily wets 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	%	99.24	min 99	IS:6940
3	Suspensibility	%	52.98	min 50	IS:6940
4	Wettability	seconds	38	max 120	IS:6940
5	Mancozeb Content	%	74.25	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	02.66	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.48	min 20	IS:8707

Opinion : The received sample of Mancozeb 75% WP(Indofil M-45) conforms to IS:8708-2006 w.r.t. above tests.

End of Report

For Idma Laboratories Limited

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TEST REPORT

Ref. No. IL/D-10844	Date	06-03-18	Lab No.	280218L-PP-002	Page No. 1/1
Customer	Director of Horticulture				
	Nav Bhar Shimla-2 Himachal Pradesh				
Type of Sample	Mancozeb 75% WP (Indofil M-45)				
Work Order No.	NIL			Dated	27/02/2018
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)				
Quantity	500 gm				
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in HDPE Bag				
Mode of Receipt of Sample	By Hand				
Date of Receipt of Sample	28/02/2018		Batch No.	TMZ18-0047	
Period of Analysis	01/03/2018 To 05/03/2018		Date of Mfg.	19/02/2018	
Date of Reporting	05/03/2018		Date of Expiry	18/02/2020	
Visual Observation	N/A				
Testing Protocol	IS:8708-2006				

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Yellow (Green shade), Homogenous powder. No visible impurities detected. Readily wets 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. It shall wet readily on mixing with water providing a suspension suitable for spray.	IS:8708-2006
2	Material Passing through 45 micron IS: Sieve	%	99.16	min 99	IS:6940
3	Suspensibility	%	54.38	min 50	IS:6940
4	Wettability	seconds	38	max 120	IS:6940
5	Mancozeb Content	%	74.88	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	02.74	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.98	min 20	IS:8707

Opinion : The received sample of Mancozeb 75% WP(Indofil M-45) conforms to IS:8708-2006 w.r.t. above tests.

End of Report

For Idma Laboratories Limited

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Techn. Manager
A.L. Taneja

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TEST REPORT

Ref. No. IL/D- 10962	Date 09.03.18	Lab No. 080318L-PP-002	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Mancozeb 75% WP		
Work Order No.	NIL		Dated 08/03/2018
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 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	08/03/2018	Batch No. TMZ18-0051	
Period of Analysis	08/03/2018 To 09/03/2018	Date of Mfg. 20/02/2018	
Date of Reporting	09/03/2018	Date of Expiry 19/02/2020	
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Discription	--	Yellow colour (Green shade) homogenous powder . No visible extraneous impurities detected. Easily wets with water provides 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	%	99.2	min 99	IS:6940
3	Suspensibility	%	54.78	min 50	IS:6940
4	Wettability	seconds	42	max 120	IS:6940
5	Mancozeb Content	%	74.96	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	02.66	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	21.02	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. ILD- 11067	Date 14-03-18	Lab No. 090318PP-NL-001	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Wettable Sulphur 80 % WP		
Work Order No.	NIL		Dated 08/03/2018
Customer's Description of Sample	Wettable Sulphur 80 % WP (Sulfex)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in Polythene Pouch		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	09/03/2018	Batch No. S-305 ✓	
Period of Analysis	12/03/2018 To 13/03/2018	Date of Mfg. 29/12/2017 ✓	
Date of Reporting	13/03/2018	Date of Expiry 28/12/2019 ✓	
Visual Observation	N/A		
Testing Protocol	IS:3383-1982		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	-	Pale Yellow coloured homogenous powder free from extraneous impurities. It wets readily with water and provide suspension suitable for use as a spray.	The material shall be in the form of homogeneous powder, Pale yellow to brownish in colour. It shall wet readily on mixing with water providing a suspension suitable for spray.	IS:3383-1982
2	Sulphur content	%m/m	80.14	+5-3% of the nomonal value(80)	IS:3383-1982
3	Sieving (Material passing through 45micron IS sieve)	%m/m	99.92	Min.99.9	IS:6940-1982
4	Suspensibility	%m/m	85.36	Min.80	IS:6940-1982
5	Wettability	sec	15	max.120	IS:6940-1982
6	Arsenic(as As)	%m/m	Nil	Max.0.01	IS:3383-1982

Opinion : The received sample of Wettable Sulphur 80 % WP conforms to IS:3383-1982 w.r.t. above tests.

End of Report

For Idma Laboratories Limited

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TEST REPORT

Ref. No. IL/D- 11665	Date 14/03/18	Lab No. 090318PP-NL-006	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Difenoconazole 25 % EC		
Work Order No.	NIL	Dated	09/03/2018
Customer's Description of Sample	Difenoconazole 25 % EC (Dizole)		
Quantity	100 ml		
Packing, Markings, Seal	Sample Packed in Plastic Bottle & Sealed in Cloth Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	09/03/2018	Batch No.	CCK-6454
Period of Analysis	13/03/2018 To 13/03/2018	Date of Mfg.	03/2018
Date of Reporting	13/03/2018	Date of Expiry	02/2020
Visual Observation	N/A		
Testing Protocol	As per product specification		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Discription		Brown, clear, homogenous liquid free from sediments and suspended matter. On dilution with water, it forms an emulsion suitable for use as a spray.	The material is in the form of clear homogenous stable liquid. Free from sediments and suspended matter. On dilution with water, it readily forms an emulsion suitable for spray.	
2	Emulsion Stability(100mls emulsion in water with 2mls of sample)	mls	Creaming-nil, Sediments-nil. Total separation- nil .	Total separation at the top or/and bottom should not exceed 2 .	IS:6940-1982
3	Difenoconazole Content	% by mass	24.88	25, ±5	As Per Product Specification
4	Acidity (as H ₂ SO ₄)	% by mass	00.146	Max 0.5	IS:6940-1982

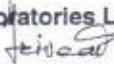
Opinion : The received sample of Difenoconazole 25 % EC conforms to the product specification w.r.t. above tests.

End of Report

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For Idma Laboratories Limited


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TEST REPORT

Ref. No. IL/D- 11023	Date	10-03-18	Lab No.	080318L-PP-001	2423 17-3-18	Page No. 1/2			
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh								
Type of Sample	Malathion 50% EC								
Work Order No.	NIL		Dated	07/03/2018					
Customer's Description of Sample	Malathion 50% EC (Cythion) ✓								
Quantity	250 ml								
Packing, Markings, Seal	Sample Packed in Tin Jar & Sealed in Paper envelope								
Mode of Receipt of Sample	By Hand								
Date of Receipt of Sample	08/03/2018		Batch No.	R18020301 ✓					
Period of Analysis	08/03/2018 To 09/03/2018		Date of Mfg.	03/02/2018 ✓					
Date of Reporting	09/03/2018		Date of Expiry	02/08/2019 ✓					
Visual Observation	N/A								
Testing Protocol	IS:2567-1978(R -2002) Amdt.02								

RESULTS

S.No.	Test Parameter	Unit	Result	Requirements	Test Methods
1	Discription <i>HEO On 2 Sept 17/3/18</i>	--	Very light yellow, clear, homogenous liquid free from sediments and suspended matter. On dilution with water, it provides an emulsion which is suitable for use as a 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 (R-2012) Amdt.02
2	Cold test 10deg C (For 1 hrs)	--	No turbidity or separation of oily layer(at the top) or sediments (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	46.2	above 24.5	IS:1448 (P-20) 1998

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Revised



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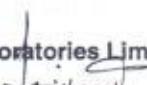
TEST REPORT

Ref. No. IL/D- 11023		Date	16-03-18	Lab No.	080318L-PP-001	Page No. 2/2
S.No.	Test Parameter	Unit	Result	Requirements	Test Methods	
4	Emulsion stability (of 100ml emulsion prepared with std.hard water & kept for 1 hours at 30±1°C	ml	Creaming- nil, Sediments - nil Total separation- nil .	Any separation including Creaming and Sedimentation shall not exceed 2.0 ml	IS:6940 -1982	
5	Malathion Content	%m/m	50.02	+5 % -3% of the nominal value (50)	IS:1832 -1978 (R-2007) Amdt.01	
6	Acidity (as H ₂ SO ₄)	%m/m	00.045	Max 0.5	IS:6940 -1982	

Opinion : The received sample of Malathion 50% EC conforms to IS:2567-1978(R-2002) Amdt.02 w.r.t. above tests.

End of Report

For Idma Laboratories Limited


Authorized Signatory
TM/II/III



HEO
Report 17/3/18



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2019/4
20/3/18

TEST REPORT

Ref. No. IL/D- 1110	Date 16-03-18	Lab No. 150318PP-NL-014	Page No. 1/2
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Hexythiazox 5.45%E.C		
Work Order No.	NIL	Dated	14/03/2018
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	By Hand		
Date of Receipt of Sample	15/03/2018	Batch No.	JMX18LB008
Period of Analysis	16/03/2018 To 16/03/2018	Date of Mfg.	21/02/2018
Date of Reporting	16/03/2018	Date of Expiry	20/02/2020
Visual Observation	N/A		
Testing Protocol	Product Specification		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Light yellow; clear; stable homogeneous liquid free from sediments and suspended matter. On dilution with water, it provides an emulsion 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)	deg C	No turbidity or separation of oily layer(at the top) or sediments(at the bottom) or both occurred at the end of the tests.	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	46.8	Above 24.5	IS:1448 (P-20)

Test Report



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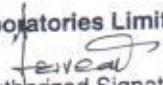
TEST REPORT

Ref. No. IL/D- 1110		Date 16-03-18	Lab No. 150318PP-NL-014	Page No. 2/2	
S.No.	Test Parameter	Units	Results	Specifications	Test Method
4	Emulsion on stability 1 of 100ml emulsion prepared with std hard water kept for 1 hrs at 30+1-1 deg C	ml	Creaming-nil; Sediments-nil. Total Separation-nil.	Any Separation including creaming and sediment shall not exceed 2.0ml	IS:6940-1982
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	0.01	Max 0.5	IS:6940-1982

Opinion : The received sample of Hexythiazox 5.45% EC conforms to the product specifications w.r.t above tests.

End of Report

For Idma Laboratories Limited


Authorized Signatory





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20-3-18

TEST REPORT

Ref. No. IL/D-1111	Date 16-03-18	Lab No. 150318PP-NL-015	Page No. 1/1
Customer	Director of Horticulture Nav Bhar Shimla-2 Himachal Pradesh		
Type of Sample	Thiophanate Methyl 70% WP		
Work Order No.	NIL	Dated	14/03/2018
Customer's Description of Sample	Thiophanate Methyl 70% WP (ROKO)		
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	15/03/2018	Batch No.	JRO18PA007
Period of Analysis	16/03/2018 To 16/03/2018	Date of Mfg.	01/2018
Date of Reporting	16/03/2018	Date of Expiry	12/2019
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 any extraneous impurities. Wets readily with water and provide 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
2	Thiophanate Methyl Content	%m/m	69.44	+5-3% of the nominal value (70)	IS:14551-1998
3	Material Passing through 75 micron IS: Sieve	%m/m	99.08	Min 98	IS:6940-1982
4	Suspensibility	%m/m	53.60	Min 50.0	IS:6940-1982
5	Acidity (as H ₂ SO ₄)	%m/m	0.01	Max 0.20	IS:6940-1982
6	Wettability	seconds	38	Max 120	IS:6940-1982

Opinion : The received sample of Thiophanate Methyl 70% WP conforms to IS: 14552-1998 w.r.t. above tests.

End of Report

For Idma Laboratories Limited

[Signature]
Authorized Signatory

