



# Idma Laboratories Limited

(A Government Approved Test House)

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

2297  
8/2/17

## TEST REPORT

Ref. No. IL/D-7900	Date 06.02.17	Lab No. 030217PP-NL-010	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Propineb 70% W.P (Antracol)		
Work Order No.	NIL	Dated	03/02/2017
Customer's Description of Sample	Propineb 70% W.P (Antracol)		
Quantity	500 gm		
Packing, Markings, Seal	Heat Sealed Polythene Pouch & Further Packed in Paper envelope, Duly Sealed &		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	03/02/2017	Batch No.	ANTSA7010
Period of Analysis	03/02/2017 To 06/02/2017	Date of Mfg.	24/01/2017 ✓
Date of Reporting	06/02/2017	Date of Expiry	23/01/2019 ✓
Visual Observation	N/A		
Testing Protocol	Product Specification		

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Off white; homogeneous powder. It wets readily on mixing with water and provide suspension which is 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	69.86	+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	80.26	Min 70	IS:6940-1982
5	Acidity (as H <sub>2</sub> SO <sub>4</sub> )	%m/m	0.022	Max 0.5	IS:6940-1982
6	Wettability	Second	11	Max 120	IS:6940-1982

Opinion : The submitted sample of Propineb 70% W.P (Antracol) Conforms to Product Specification w.r.t above tests.

\*\*End of Report\*\*

For Idma Laboratories Limited

Authorized Signatory







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## TEST REPORT

Ref. No. IL/D-7901	Date 06.02.17	Lab No. 030217PP-NL-011	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Thiacloprid 21.7% SC (Alanto)		
Work Order No.	NIL		
Customer's Description of Sample	Thiacloprid 21.7% SC (Alanto)	Dated	01/02/2017
Quantity	100 ml		
Packing, Markings, Seal	Plastic Bottle & Further Packed in Cloth Bag, Duly Sealed & Signed		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	03/02/2017		
Period of Analysis	03/02/2017 To 06/02/2017		
Date of Reporting	06/02/2017		
Visual Observation	N/A		
Testing Protocol	Product Specification		
Batch No.	ALNSA7003		
Date of Mfg.	28/01/2017		
Date of Expiry	27/01/2019		

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description		Off White colour Viscous liquid.	The Material shall be in the forms of white to creamish colour viscous liquid	
2	Thacloprid Content		21.62	±5% of the nominal value ( 21.7)	IHM
3	Suspensibility		86.12	min. 85.0%	IS: 6940-1982 (R-2002) Amend 2
4	pH of suspension at 27 Degree C		7.9	7.5 - 9.50	IS: 6940-1982 (R-2002) Amend 2

Opinion : The submitted sample of Thiacloprid 21.7% SC (Alanto) Conforms to Product Specification w.r.t above tests.

End of Report\*\*

For Idma Laboratories Limited

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## TEST REPORT

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Q15-2-17

Ref. No. IL/D-7980	Date 09.02.17	Lab No. 070217PP-NL-001	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Hexaconazole 5% EC (Contaf)		
Work Order No.	NIL	Dated	06/02/2017
Customer's Description of Sample	Hexaconazole 5% EC (Contaf)		
Quantity	250 ml		
Packing, Markings, Seal	Aluminium Bottle & Further Packed in Paper envelope duly sealed & signed		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	07/02/2017	Batch No.	AK02600
Period of Analysis	07/02/2017 To 08/02/2017	Date of Mfg.	07/12/2016
Date of Reporting	08/02/2017	Date of Expiry	06/12/2018
Visual Observation	N/A		
Testing Protocol	IS:14550-1998		

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	-	Light brown; clear; stable; homogeneous liquid free from sediments or suspended matter. It 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
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 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	5.08	+10-5% of the nominal value(5)	IS:14549-1998
5	Acidity (as h2so4)	%m/m	0.01	Max.0.5	IS:6940-1982

Opinion : The submitted sample of Hexaconazole 5% EC (Contaf) conforms to IS:14550-1998 w.r.t the above tests.

End of Report

For Idma Laboratories Limited

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Idma Corporate Park, 391, Industrial Area, Phase-I, Panchkula, Haryana.

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## TEST REPORT

25/2/17

Ref. No. IL/D-7912	Date 06-02-17	Lab No. 030217PP-NL-012	Page No. 1/1
Customer	Directorate Of Horticulture Senior Plant Protection Officer, Nav Bahar, Shimla-171002, Himachal Pradesh Shimla-171002, Himachal Pradesh		
Type of Sample	Wettable Sulphur 80% WP (Sulfex)		
Work Order No.	NIL	Dated	03/02/2017
Customer's Description of Sample	Wettable Sulphur 80% WP (Sulfex)		
Quantity	500 gm		
Packing, Markings, Seal	Heat Sealed Polythene Pouch & Further Packed in Cloth Bag Duly Sealed & Signed		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	03/02/2017	Batch No.	R-191
Period of Analysis	03/02/2017 To 06/02/2017	Date of Mfg.	16/11/2016
Date of Reporting	06/02/2017	Date of Expiry	15/11/2018
Visual Observation	N/A		
Testing Protocol	IS:3383-1982		

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	-	Yellowish colour; 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 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	80.08	+5-3% of the nominal value(80)	IS:3383-1982
3	Sieving (Material passing through 45micron IS sieve)	%m/m	99.94	Min.99.9	IS:6940-1982
4	Suspensibility	%m/m	85.60	Min.80	IS:6940-1982
5	Wettability	sec	14	max.120	IS:6940-1982
6	Arsenic(as As)	%m/m	Nil	Max.0.01	IS:3383-1982

Opinion : The submitted sample of Wettable Sulphur 80% WP (Sulfex) Conforms to IS:3383-1982 w.r.t above tests.

\*\*End of Report\*\*

For Idma Laboratories Limited

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Sh. Arshad  
14/2/17  
SPM

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## TEST REPORT

Ref. No. IL/D-7971	Date 09.02.17	Lab No. 060217PP-NL-007	Page No. 1/1
Customer	Directorate Of Horticulture Senior Plant Protection Officer, Nav Bahar, Shimla-171002, Himachal Pradesh Shimla-171002, Himachal Pradesh		
Type of Sample	Streptocycline sulphat 90% +Tetracycline Hydrochloride 1%		
Work Order No.	NIL	Dated	04/02/2017
Customer's Description of Sample	Streptocycline sulphat 90% +Tetracycline Hydrochloride 1%		
Quantity	6 gm		
Packing, Markings, Seal	Heat Sealed Polythene Pouch & Further Packed in Paper envelope, Duty Sealed &		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	06/02/2017	Batch No.	AG03516
Period of Analysis	06/02/2017 To 07/02/2017	Date of Mfg.	09/2016
Date of Reporting	07/02/2017	Date of Expiry	08/2018
Visual Observation	N/A		
Testing Protocol	Product specification		

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	-	The given sample is white; fine; free flowing powder.		
2	Streptomycin sulphate	%w/w	88.68	90	I.P.
3	Tetracycline Hydrochloride	%w/w	9.82	10	I.P.

Opinion : The submitted sample of Streptocycline sulphat 90% +Tetracycline Hydrochloride 1% Conforms to Product specification w.r.t above tests.

\*\*End of Report\*\*

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## TEST REPORT

Ref. No. IL/D- 7893	Date 04.02.17	Lab No. 030217PP-NL-003	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Dodine 65% WP (Syllit)		
Work Order No.	NIL	Dated	01/02/2017
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	03/02/2017	Batch No.	FIL/SLT-029
Period of Analysis	03/02/2017 To 04/02/2017	Date of Mfg.	25/01/2017
Date of Reporting	04/02/2017	Date of Expiry	24/01/2019
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	64.07	+5-3 % of the nominal value (65)	IS:13785-1993
3	Sieving (Material Passing through 75 micron IS: Sieve)	%m/m	99.60	Min 99.0	IS:6940-1982
4	Suspensibility	%m/m	71.73	Min 70.0	IS:6940-1982
5	Alkalinity (as NaOH)	%m/m	0.017	Max 0.1	IS:6940-1982
6	Wettability	seconds	109	Max 120	IS:6940-1982

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

\*\*End of Report\*\*

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29/2/17

## TEST REPORT

Ref. No. IL/D- 7971	Date 09.08.17	Lab No. 060217PP-NL-007	Page No. 1/1
Customer	Directorate Of Horticulture Senior Plant Protection Officer, Nav Bahar, Shimla-171002, Himachal Pradesh Shimla-171002, Himachal Pradesh		
Type of Sample	Streptomycin sulphate 90% +Tetracycline Hydrochloride 10%		
Work Order No.	NIL	Dated	04/02/2017
Customer's Description of Sample	Streptomycin sulphate 90% +Tetracycline Hydrochloride 10%		
Quantity	6 gm		
Packing, Markings, Seal	Heat Sealed Polythene Pouch & Further Packed in Paper envelope, Duly Sealed &		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	06/02/2017	Batch No.	AG03516
Period of Analysis	06/02/2017 To 07/02/2017	Date of Mfg.	09/2016
Date of Reporting	07/02/2017	Date of Expiry	08/2018
Visual Observation	N/A		
Testing Protocol	Product specification		

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	-	The given sample is white; fine; free flowing powder.		
2	Streptomycin sulphate	%w/w	88.68	90	I.P.
3	Tetracycline Hydrochloride	%w/w	9.82	10	I.P.

**Opinion :** The submitted sample of Streptomycin sulphate 90% +Tetracycline Hydrochloride 10% Conforms to Product specification w.r.t above tests.

**\*\*End of Report\*\***

For Idma Laboratories Limited

*[Signature]*  
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## TEST REPORT

Document QF : 2501

Page 1 of 2

<b>Issued To :</b> Director of Horticulture Nav Bahar, Shimla-2 (HP) Shimla <b>Copy To :</b> Dr. Rajeev Tegta (HDO) O/o SPPO Department of Horticulture Shimla-2 (H.P.)	<b>Sample Reg. No. :</b> R-11-02-09 <b>Sample Reg. Da :</b> 11-02-2017 <b>Report Date :</b> 14-02-2017 <b>Report No. :</b> F-11F33717 <b>Customer Ref. N :</b> Letter <b>Letter Dated :</b> 11-02-2017
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Test Report as per IS : Mfg. declaration	With Amendment No.(s) : N/A
<b>PART A : PARTICULARS OF SAMPLE SUBMITTED</b>	
a) Nature of Sample	Difenoconazole 25% EC
b) Grade / Variety / Type / Class / Size etc.	N/A
c) Brand Name	Score
d) Declared Values, if any	25 % EC
e) Code No.	N/A
f) Batch No. and D.O.M	SAP7A006 26.01.2017
g) Date of Expiry	25.01.2020
h) Quantity	50 ml
i) Batch Size	N/A
j) Mode of Packing	Packed in sealed original packing
k) Date of Receipt	11-02-2017
l) Date of Start	11-02-2017
m) Date of Completion	14-02-2017
n) BIS Seal (Intact/Not Intact/Unsealed)	Intact
o) IO's Signature (Signed/Unsigned)	Signed
p) Any other Information	N/A
q) Submitted By	Director of Horticulture
r) Manufactured By	M/s Broadway Agro Agencies Pvt. Ltd.
s) Supplied By	M/s Broadway Agro Agencies Pvt. Ltd.

### PART B : SUPPLIMENTARY INFORMATIONS

- a Reference to sampling procedure, whenever applicable : N/A  
 Supporting documents for the measurement taken and  
 b results derived like graphs, tables, sketches and / or : Graph  
 photographs as appropriate to test reports, if any  
 c Deviation from the test methods as prescribed in : N/A



## TEST REPORT

Document QF : 2501

Page 2 of 2

<b>Issued To :</b> Director of Horticulture Nav Bahar, Shimla-2 (HP) Shimla <b>Copy To :</b> Dr. Rajeev Tegta (HDO) O/o SPPO Department of Horticulture Shimla-2 (H.P)	<b>Sample Reg. No.</b> : R-11-02-09 <b>Sample Reg. Date</b> : 11-Feb-2017 <b>Report Date</b> : 14-02-2017 <b>Report No.</b> : F-11F33717 <b>Customer Ref. No.</b> : Letter <b>Letter Dated</b> : 11-02-2017
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### PART C : TEST RESULTS

S.No	Test Parameter	Inst. Used	Method	Requirement	Result
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#### Test Details:-

1	<b>Description</b> The material is in the form of pale yellow coloured homogenous stable liquid, On dilution with water, it readily forms an emulsion suitable for spray.				
a	Emulsion Stability creaming at the top & sedimentation at the bottom (2.0 ml test), Max	Chemically	IS 6940-1982	2.0 ml	Nil
b	Alkalinity (as NaOH) (% by mass)	Chemically	IS 6940-1982	--	0.095
c	Difenoconazole Content (% by mass)	By GC	--	25 ±5% of the nominal value	25.08

#### Note :

**PART D : REMARKS :** The above submitted sample of Difenoconazole 25% EC conforms to Mfg. details with upto date amtds with respect to the above tests.

**\*\* End of Report \*\***







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Certificate No. : T-0187

2398

## TEST REPORT

26/2/17

Ref. No. IL/D-8104	Date 16.02.17	Lab No. 130217L-PP-001	Page No. 1/1
Customer	Directorate Of Horticulture Senior Plant Protection Officer, Nav Bahar, Shimla-171002, Himachal Pradesh Shimla-171002, Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL	Dated	09/02/2017
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Jute Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	13/02/2017	Batch No.	TMZL-10667
Period of Analysis	13/02/2017 To 15/02/2017	Date of Mfg.	28/01/2017
Date of Reporting	15/02/2017	Date of Expiry	27/01/2019
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	%	99.2	min 99	IS:6940
3	Suspensibility	%	51.86	min 50	IS:6940
4	Wettability	seconds	38	max 120	IS:6940
5	Mancozeb Content	%	74.16	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	2.64	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.46	min 20	IS:8707

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

End of Report



For Idma Laboratories Limited

Authorized Signatory  
TM/11/1111

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Idma Corporate Park, 391, Industrial Area, Phase-I, Panchkula, Haryana.

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Certificate No. : T-0187

2399

## TEST REPORT

29/1/17

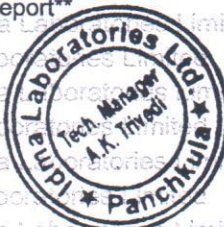
Ref. No. ILD-8105	Date 16.02.17	Lab No. 130217L-PP-002	Page No. 1/1
Customer	Directorate Of Horticulture Senior Plant Protection Officer, Nav Bahar, Shimla-171002, Himachal Pradesh Shimla-171002, Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL	Dated	09/02/2017
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Jute Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	13/02/2017	Batch No.	TMZL-10673
Period of Analysis	13/02/2017 To 15/02/2017	Date of Mfg.	28/01/2017
Date of Reporting	15/02/2017	Date of Expiry	27/01/2019
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	%	99.18	min 99	IS:6940
3	Suspensibility	%	52.06	min 50	IS:6940
4	Wettability	seconds	41	max 120	IS:6940
5	Mancozeb Content	%	73.98	+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	%	21.02	min 20	IS:8707

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

End of Report\*\*



For Idma Laboratories Limited

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TM/II/III

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Tel. No. : 0172-2577391, 5064827, 5064830, Fax No. : 91-172-2583587





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Certificate No.: T-0187

2400

20/2/17

## TEST REPORT

Ref. No. IL/D-8106	Date 16.02.17	Lab No. 130217L-PP-003	Page No. 1/1
Customer	Directorate Of Horticulture Senior Plant Protection Officer, Nav Bahar, Shimla-171002, Himachal Pradesh Shimla-171002, Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL	Dated	09/02/2017
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Jute Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	13/02/2017	Batch No.	TMZL-10674
Period of Analysis	13/02/2017 To 15/02/2017	Date of Mfg.	28/01/2017
Date of Reporting	15/02/2017	Date of Expiry	27/01/2019
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

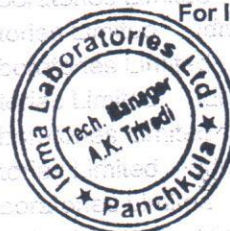
## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Discription	--	Yellowish Green homogeneous powder. It wets readily in water and provide a suspension suitable for use as 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	%	51.52	min 50	IS:6940
4	Wettability	seconds	41	max 120	IS:6940
5	Mancozeb Content	%	74.22	+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	%	20.66	min 20	IS:8707

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

End of Report

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2401  
20-2-17

## TEST REPORT

Ref. No. IL/D-8107	Date 16.02.17	Lab No. 130217L-PP-004	Page No. 1/1
Customer	Directorate Of Horticulture Senior Plant Protection Officer, Nav Bahar, Shimla-171002, Himachal Pradesh Shimla-171002, Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL	Dated	09/02/2017
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Jute Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	13/02/2017	Batch No.	TMZL-10676
Period of Analysis	13/02/2017 To 15/02/2017	Date of Mfg.	28/01/2017
Date of Reporting	15/02/2017	Date of Expiry	27/01/2019
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	%	99.08	min 99	IS:6940
3	Suspensibility	%	51.48	min 50	IS:6940
4	Wettability	seconds	41	max 120	IS:6940
5	Mancozeb Content	%	74.42	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	2.60	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.56	min 20	IS:8707

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

End of Report



For Idma Laboratories Limited

Authorized Signatory  
TM/III/III

JAS-ANZ







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Certificate No.: T-0187

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29/7/19

## TEST REPORT

Ref. No. IL/D-8108	Date 16-02-17	Lab No. 130217L-PP-005	Page No. 1/1
Customer	Directorate Of Horticulture Senior Plant Protection Officer, Nav Bahar, Shimla-171002, Himachal Pradesh Shimla-171002, Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL	Dated	09/02/2017
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Jute Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	13/02/2017	Batch No.	TMZL-10677
Period of Analysis	13/02/2017 To 15/02/2017	Date of Mfg.	28/01/2017
Date of Reporting	15/02/2017	Date of Expiry	27/01/2019
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Discription	--	Yellow(Greenish shade) 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	%	99.2	min 99	IS:6940
3	Suspensibility	%	51.88	min 50	IS:6940
4	Wettability	seconds	42	max 120	IS:6940
5	Mancozeb Content	%	74.38	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	2.56	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.32	min 20	IS:8707

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

\*\*End of Report\*\*



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## TEST REPORT

Ref. No. IL/D-8109	Date 16.02.17	Lab No. 130217L-PP-006	Page No. 1/1
Customer	Directorate Of Horticulture Senior Plant Protection Officer, Nav Bahar, Shimla-171002, Himachal Pradesh Shimla-171002, Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL	Dated	09/02/2017
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Jute Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	13/02/2017	Batch No.	TMZL-10678
Period of Analysis	13/02/2017 To 15/02/2017	Date of Mfg.	29/01/2017
Date of Reporting	15/02/2017	Date of Expiry	28/01/2019
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Discription	--	Yellowish Green homogeneous powder. It wets readily in water providing a suspension 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	%	99.1	min 99	IS:6940
3	Suspensibility	%	52.26	min 50	IS:6940
4	Wettability	seconds	46	max 120	IS:6940
5	Mancozeb Content	%	74.24	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	2.62	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.58	min 20	IS:8707

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

End of Report

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Certificate No.: T-0187

## TEST REPORT

Ref. No. IL/D-8110	Date 16-02-17	Lab No. 130217L-PP-007	Page No. 1/1
Customer	Directorate Of Horticulture Senior Plant Protection Officer, Nav Bahar, Shimla-171002, Himachal Pradesh Shimla-171002, Himachal Pradesh		
Type of Sample	Mancozeb 75% WP (Indofil M-45)		
Work Order No.	NIL	Dated	09/02/2017
Customer's Description of Sample	Mancozeb 75% WP (Indofil M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Jute Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	13/02/2017	Batch No.	TMZL-10675
Period of Analysis	13/02/2017 To 15/02/2017	Date of Mfg.	28/01/2017
Date of Reporting	15/02/2017	Date of Expiry	27/01/2019
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

## RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Discription	-	Yellowish(Greenish tinge) homogeneous powder. It wets readily in water and provides 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	%	99.3	min 99	IS:6940
3	Suspensibility	%	52.08	min 50	IS:6940
4	Wettability	seconds	42	max 120	IS:6940
5	Mancozeb Content	%	74.06	+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 submitted sample of Mancozeb 75% WP (Indofil M-45) conforms to IS:8708-2006 w.r.t the above tests.

\*End of Report\*



For Idma Laboratories Limited

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