



Idma Laboratories Limited

(A Government Approved Test House)

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

TEST REPORT

Ref. No. IL/D- 1837	Date 03.06.17	Lab No. 010617PP-NL-001	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Zineb 75% W.P		
Work Order No.	NIL	Dated	31/05/2017
Customer's Description of Sample	Zineb 75% W.P (Indofil Z-78)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Paper envelope		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	01/06/2017	Batch No.	TZBL-10734
Period of Analysis	01/06/2017 To 02/06/2017	Date of Mfg.	05/05/2017
Date of Reporting	02/06/2017	Date of Expiry	04/05/2019
Visual Observation	N/A		
Testing Protocol	IS:3899-1981		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	—	Yellowish; Homogeneous powder. It wets readily on mixing with water providing suspension suitable for use as a spray.	The material shall be in the form of homogenous powder, Creamy in colour, It shall wet readily on mixing with water providing a suspension suitable or spray.	IS:3899-1981
2	Zineb Content	%m/m	74.76	+5-3% of the nominal value (75)	IS:3899-1981
3	Sieving (material passing through 75 micron IS: sieve)	%m/m	99.16	Min 99	IS:6940-1982
4	Suspensibility	%m/m	52.64	Min 50	IS:6940-1982
5	Wettability	Second	31	Max 120	IS:6940-1982
6	Zinc Content of Zineb	%m/m	22.22	22.0-24.0	IS:8707-1978

Opinion : The received sample of Zineb 75% WP conforms to IS:3899-1981 w.r.t. above test.

End of Report

San. Adhik. 14 Eo
12/6/17
SPO



For Idma Laboratories Limited
Authorized Signatory

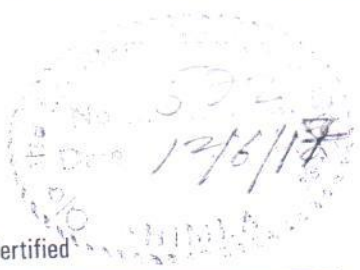




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TEST REPORT

Ref. No. IL/D-1838	Date 03.06.17	Lab No. 010617PP-NL-002	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Zineb 75% W.P		Dated 31/05/2017
Work Order No.	NIL		
Customer's Description of Sample	Zineb 75% W.P (Indofil Z-78)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Paper envelope		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	01/06/2017	Batch No.	TZBL-10735
Period of Analysis	01/06/2017 To 02/06/2017	Date of Mfg.	05/05/2017
Date of Reporting	02/06/2017	Date of Expiry	04/05/2019
Visual Observation	N/A		
Testing Protocol	IS:3899-1981		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Yellowish; Homogeneous powder. It wets readily on mixing with water providing suspension suitable for use as a spray.	The material shall be in the form of homogenous powder, Creamy in colour, It shall wet readily on mixing with water providing a suspension suitable or spray.	IS:3899-1981
2	Zineb Content	%m/m	74.78	+5-3% of the nominal value (75)	IS:3899-1981
3	Sieving (material passing through 75 micron IS: sieve)	%m/m	99.16	Min 99	IS:6940-1982
4	Suspensibility	%m/m	53.02	Min 50	IS:6940-1982
5	Wettability	Second	30	Max 120	IS:6940-1982
6	Zinc Content of Zineb	%m/m	22.32	22.0-24.0	IS:8707-1978

Opinion : The received sample of Zineb 75% WP conforms to IS:3899-1981 w.r.t. above test.

End of Report



For Idma Laboratories Limited

Authorized Signatory

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TEST REPORT

Ref. No. IL/D- 1839	Date	03.06.17	Lab No.	010617PP-NL-003	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh				
Type of Sample	Zineb 75% W.P				
Work Order No.	NIL			Dated	31/05/2017
Customer's Description of Sample	Zineb 75% W.P (Indofil Z-78)				
Quantity	500 gm				
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Paper envelope				
Mode of Receipt of Sample	By Hand				
Date of Receipt of Sample	01/06/2017			Batch No.	TZBL-10868
Period of Analysis	01/06/2017 To 02/06/2017			Date of Mfg.	20/05/2017
Date of Reporting	02/06/2017			Date of Expiry	19/05/2019
Visual Observation	N/A				
Testing Protocol	IS:3899-1981				

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Yellowish; Homogeneous powder. It wets readily on mixing with water providing suspension suitable for use as a spray.	The material shall be in the form of homogenous powder, Creamy in colour, It shall wet readily on mixing with water providing a suspension suitable or spray.	IS:3899-1981
2	Zineb Content	%m/m	74.56	+5-3% of the nominal value (75)	IS:3899-1981
3	Sieving (material passing through 75 micron IS: sieve)	%m/m	99.16	Min 99	IS:6940-1982
4	Suspensibility	%m/m	52.24	Min 50	IS:6940-1982
5	Wettability	Second	31	Max 120	IS:6940-1982
6	Zinc Content of Zineb	%m/m	22.08	22.0-24.0	IS:8707-1978

Opinion : The received sample of Zineb 75% WP conforms to IS:3899-1981 w.r.t. above test.

End of Report



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TEST REPORT

Ref. No. IL/D-1840	Date	03.06.17	Lab No.	010617PP-NL-004	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh				
Type of Sample	Zineb 75% W.P				
Work Order No.	NIL	Dated		31/05/2017	
Customer's Description of Sample	Zineb 75% W.P (Indofil Z-78)				
Quantity	500 gm				
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Paper envelope				
Mode of Receipt of Sample	By Hand				
Date of Receipt of Sample	01/06/2017	Batch No.	TZBL-10899		
Period of Analysis	01/06/2017 To 02/06/2017	Date of Mfg.	22/05/2017		
Date of Reporting	02/06/2017	Date of Expiry	21/05/2019		
Visual Observation	N/A				
Testing Protocol	IS:3899-1981				

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Yellowish; Homogeneous powder. It wets readily on mixing with water providing suspension suitable for use as a spray.	The material shall be in the form of homogenous powder, Creamy in colour, It shall wet readily on mixing with water providing a suspension suitable or spray.	IS:3899-1981
2	Zineb Content	%m/m	74.78	+5-3% of the nominal value (75)	IS:3899-1981
3	Sieving (material passing through 75 micron IS: sieve)	%m/m	99.06	Min 99	IS:6940-1982
4	Suspensibility	%m/m	51.84	Min 50	IS:6940-1982
5	Wettability	Second	29	Max 120	IS:6940-1982
6	Zinc Content of Zineb	%m/m	22.42	22.0-24.0	IS:8707-1978

Opinion : The received sample of Zineb 75% WP conforms to IS:3899-1981 w.r.t. above test.

End of Report

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TEST REPORT

Ref. No. IL/D- 1841	Date 03.06.17	Lab No.	010617PP-NL-005	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh			
Type of Sample	Zineb 75% W.P			
Work Order No.	NIL	Dated	31/05/2017	
Customer's Description of Sample	Zineb 75% W.P (Indofil Z-78)			
Quantity	500 gm			
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Paper envelope			
Mode of Receipt of Sample	By Hand			
Date of Receipt of Sample	01/06/2017	Batch No.	TZBL-10900	
Period of Analysis	01/06/2017 To 02/06/2017	Date of Mfg.	22/05/2017	
Date of Reporting	02/06/2017	Date of Expiry	21/05/2019	
Visual Observation	N/A			
Testing Protocol	IS:3899-1981			

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Yellowish; Homogeneous powder. It wets readily on mixing with water providing suspension suitable for use as a spray.	The material shall be in the form of homogenous powder, Creamy in colour, It shall wet readily on mixing with water providing a suspension suitable or spray.	IS:3899-1981
2	Zineb Content	%m/m	74.32	+5-3% of the nominal value (75)	IS:3899-1981
3	Sieving (material passing through 75 micron IS: sieve)	%m/m	99.20	Min 99	IS:6940-1982
4	Suspensibility	%m/m	52.76	Min 50	IS:6940-1982
5	Wettability	Second	32	Max 120	IS:6940-1982
6	Zinc Content of Zineb	%m/m	22.36	22.0-24.0	IS:8707-1978

Opinion : The received sample of Zineb 75% WP conforms to IS:3899-1981 w.r.t. above test.

End of Report



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TEST REPORT

Ref. No. IL/D-1842	Date 03.06.17	Lab No. 010617PP-NL-006	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Myclobutanil 10% W.P		Dated 31/05/2017
Work Order No.	NIL		
Customer's Description of Sample	Myclobutanil 10% W.P (BOON)		
Quantity	100 gm		
Packing, Markings, Seal	Sample Packed in Polythene Pouch & Sealed in Paper envelope		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	01/06/2017	Batch No.	DON-247
Period of Analysis	01/06/2017 To 02/06/2017	Date of Mfg.	20/05/2017
Date of Reporting	02/06/2017	Date of Expiry	19/05/2019
Visual Observation	N/A		
Testing Protocol	As per product specifications		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Discription	-	Off white coloured, uniform powder. Free from hard lumps. It wets readily with water providing a suspension suitable for use as a spray.	-	-
2	Myclobutanil 10% W.P content (% by mass)	%	9.76	±5	As per product specifications
3	Suspensibility % by mass		72.62	70 (min)	As per product specifications
4	Alkalinity (as NaOH) % by mass	%	0.62	0.5 (min)	IS:6940-1982
5	Wettability	sec	38	120	IS:6940-1982

Opinion : The Submitted Sample of Myclobutanil 10% W.P Conforms to As per product specifications w.r.t above tests

End of Report

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Certificate No. : T-0187

TEST REPORT

Ref. No. IL/D-2027	Date 07.06.17	Lab No.	020617L-PP-004	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	01/06/2017	
Customer's Description of Sample	Mancozeb 75% WP (Uthane M-45)			
Quantity	500 gm			
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in Cartoon Box			
Mode of Receipt of Sample	Courier			
Date of Receipt of Sample	02/06/2017	Batch No.	EO1SMZ0012	
Period of Analysis	05/06/2017 To 05/06/2017	Date of Mfg.	15/05/2017	
Date of Reporting	06/06/2017	Date of Expiry	14/05/2019	
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	%	99.16	min 99	IS:6940
3	Suspensibility	%	52.36	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	%	2.58	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.18	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

Dr. Ashish Jha
12/6/17
Jha



For Idma Laboratories Limited

Authorized Signatory
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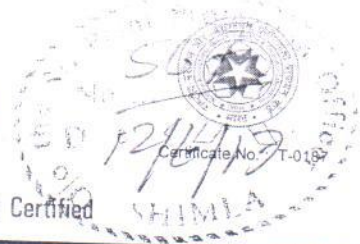




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TEST REPORT

Ref. No. IL/D- 2028	Date 07.06.17	Lab No. 020617L-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	01/06/2017
Customer's Description of Sample	Mancozeb 75% WP (Uthane M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in Cartoon Box		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	02/06/2017	Batch No.	EO1SMZ0013
Period of Analysis	05/06/2017 To 05/06/2017	Date of Mfg.	16/05/2017
Date of Reporting	06/06/2017	Date of Expiry	15/05/2019
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	%	99.06	min 99	IS:6940
3	Suspensibility	%	51.76	min 50	IS:6940
4	Wettability	seconds	32	max 120	IS:6940
5	Mancozeb Content	%	74.54	+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	%	20.08	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-2029	Date 07-06-17	Lab No. 020617L-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	01/06/2017
Customer's Description of Sample	Mancozeb 75% WP (Uthane M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in Cartoon Box		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	02/06/2017	Batch No.	EO1SMZ0014
Period of Analysis	06/06/2017 To 06/06/2017	Date of Mfg.	17/05/2017
Date of Reporting	06/06/2017	Date of Expiry	16/05/2019
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	%	99.16	min 99	IS:6940
3	Suspensibility	%	53.34	min 50	IS:6940
4	Wettability	seconds	31	max 120	IS:6940
5	Mancozeb Content	%	74.92	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	2.54	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



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TEST REPORT

Ref. No. IL/D-2030	Date 07.06.17	Lab No. 020617L-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	01/06/2017
Customer's Description of Sample	Mancozeb 75% WP (Uthane M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in Cartoon Box		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	02/06/2017	Batch No.	EO1SMZ0015
Period of Analysis	06/06/2017 To 06/06/2017	Date of Mfg.	18/05/2017
Date of Reporting	06/06/2017	Date of Expiry	17/05/2019
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	%	99.3	min 99	IS:6940
3	Suspensibility	%	53.92	min 50	IS:6940
4	Wettability	seconds	29	max 120	IS:6940
5	Mancozeb Content	%	74.66	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	2.52	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



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Certificate No.: T-0187

TEST REPORT

Ref. No. IL/D 2031	Date 07.06.17	Lab No. 020617L-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	01/06/2017
Customer's Description of Sample	Mancozeb 75% WP (Uthane M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Sample Packed in Aluminium Pouch & Sealed in Cartoon Box		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	02/06/2017	Batch No.	EO1SMZ0016
Period of Analysis	06/06/2017 To 06/06/2017	Date of Mfg.	19/05/2017
Date of Reporting	06/06/2017	Date of Expiry	18/05/2019
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	%	99.26	min 99	IS:6940
3	Suspensibility	%	54.08	min 50	IS:6940
4	Wettability	seconds	31	max 120	IS:6940
5	Mancozeb Content	%	74.46	+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	%	20.26	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-2059	Date 07-06-17	Lab No. 020617PP-NL-023	Page No. 1/2
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Propargite 57% EC		
Work Order No.	NIL	Dated	01/06/2017
Customer's Description of Sample	Propargite 57% EC (Omite)		
Quantity	250 ml		
Packing, Markings, Seal	Sample Packed in Plastic Bottle & Sealed in Paper envelope		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	02/06/2017	Batch No.	UMQ-0015
Period of Analysis	05/06/2017 To 05/06/2017	Date of Mfg.	04/05/2017
Date of Reporting	05/06/2017	Date of Expiry	03/05/2019
Visual Observation	N/A		
Testing Protocol	As per the Product Specifications		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description <i>Sh. Ashok, H.E. 13/6/17 SPD</i>	-	Brown, Homogeneous; Clear and stable liquid. It forms an emulsion on dilution with water. This emulsion is suitable for use as a spray.	---	---
2	Cold Test at 10 degree 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.	---	IS:6940
3	Emulsion Stability	-	Creaming-NIL; Sediments-NIL. Total Separation- NIL	---	IS:6940

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TEST REPORT

Ref. No. IL/D-2059		Date	07-06-17	Lab No.	020617PP-NL-023	Page No. 2/2
S.No.	Test Parameter	Units	Results	Specifications	Test Method	
4	Flash Point	Degree C	73	---	IS:6940	
5	Propargite Content	% by mass	56.38	---	-	
6	Acidity	% by mass	0.006	---	IS:6940	

Opinion : The received sample of Propargite 57% EC conforms to the product specifications w.r.t. above tests.

End of Report



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TEST REPORT

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No. IL/D-2287	Date 17-06-17	Lab No. 140617L-PP-001
Customer	Directorate Of Horticulture Senior Plant Protection Officer, Nav Bahar, Shimla-171002, Himachal Pradesh Shimla-171002, Himachal Pradesh	
Sample	Carbendazim 50% WP	Dated 13/06/2017
Work Order No.	NIL	
Customer's Description of Sample	Carbendazim 50% WP (Benfil)	
Quantity	100 gm	
Packing, Markings, Seal	Sample Packed in Cartoon Box & Sealed in Paper envelope	
Mode of Receipt of Sample	By Hand	Batch No. TBL 17-0053
Date of Receipt of Sample	14/06/2017	Date of Mfg. 30/05/2017
Period of Analysis	15/06/2017 To 15/06/2017	Date of Expiry 29/05/2019
Date of Reporting	15/06/2017	
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 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	49.67	+5% -3% of the nominal value (50)	IS:8446-1991
3	Sieving (Material passing through 75 micron IS Sieve)	%m/m	99.2	Min 99.0	IS:6940-1982
4	Suspensibility	%m/m	62.60	Min 60.0	IS:6940-1982
5	Acidity (as H2SO4)	%m/m	0.032	Max 0.05	IS:6940-1982

Opinion : The received sample of Carbendazim 50% WP conforms to IS:8446-1991 R-2012 Amdt.02 w.r.t. above tests.
End of Report

Dr. Ashish, HAO
24/6/17
SP/O



For Idma Laboratories Limited
Authorized Signatory
TM/11/111





Idma Laboratories Limited

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



TEST REPORT

Ref. No. IL/D-1543	Date 25.05.17	Lab No. 190517PP-NL-001	Page No. 1/1
Customer	Director of Agriculture Shimla - 5 Himachal Pradesh		
Type of Sample	Dodine 65% WP	Dated	18/05/2017
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	Batch No.	DNR-140
Date of Receipt of Sample	19/05/2017	Date of Mfg.	10/02/2017
Period of Analysis	20/05/2017 To 20/05/2017	Date of Expiry	09/02/2019
Date of Reporting	20/05/2017		
Visual Observation	N/A		
Testing Protocol	IS:13785-1993		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	White homogeneous powder. No extraneous matter is visible. When mixed with water, it provides 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	64.58	+5-3 % of the nominal value (65)	IS:13785-1993
3	Sieving (Material Passing through 75 micron IS: Sieve)	%m/m	99.5	Min 99.0	IS:6940-1982
4	Suspensibility	%m/m	71.56	Min 70.0	IS:6940-1982
5	Alkalinity (as NaOH)	%m/m	0.028	Max 0.1	IS:6940-1982
6	Wettability	seconds	98	Max 120	IS:6940-1982

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

End of Report

Dr. Ashish K. Bho
24/6/17
S. Mcowry



For Idma Laboratories Limited
[Signature]
Authorized Signatory

JAS-ANZ





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TEST REPORT

Ref. No. IL/D-1538	Date 25.05.17	Lab No. 190517L-PP-001	Page No. 1/1
Customer	Director of Agriculture Shimla - 5 Himachal Pradesh		
Type of Sample	Mancozeb 75% WP	Dated	18/05/2017
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	Batch No.	TMZL-10729
Date of Receipt of Sample	19/05/2017	Date of Mfg.	03/05/2017
Period of Analysis	19/05/2017 To 20/05/2017	Date of Expiry	02/05/2019
Date of Reporting	20/05/2017		
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 provide 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	%	99.16	min 99	IS:6940
3	Suspensibility	%	53.08	min 50	IS:6940
4	Wettability	seconds	42	max 120	IS:6940
5	Mancozeb Content	%	73.92	+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	%	20.62	min 20	IS:8707

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

End of Report

St. Ashish, A.K.
24/6/17
mo (w)



For Idma Laboratories Limited
Per Head
Authorized Signatory
TM/III/III

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TEST REPORT

No. IL/D-1539	Date 25.05.17	Lab No. 190517L-PP-002
Client Name	Director of Agriculture Shimla - 5 Himachal Pradesh	
Sample Name	Mancozeb 75% WP	Dated 18/05/2017
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	
Date of Receipt of Sample	By Hand	Batch No. TMZL-10730
Date of Receipt of Sample	19/05/2017	Date of Mfg. 03/05/2017
Period of Analysis	19/05/2017 To 20/05/2017	Date of Expiry 02/05/2019
Date of Reporting	20/05/2017	
Visual Observation	N/A	
Testing Protocol	IS:8708-2006	

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Yellow (greenish tinge) homogeneous powder it wets readily on mixing with water provide 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	%	99.16	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	%	2.58	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.48	min 20	IS:8707

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

End of Report



For Idma Laboratories Limited
Authorized Signatory
TM/11/11/11

JAS-ANZ



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TEST REPORT

Ref. No. IL/D-1540	Date 25.05.17	Lab No. 190517L-PP-003	Page No. 1/1
Customer	Director of Agriculture Shimla - 5 Himachal Pradesh		
Type of Sample	Mancozeb 75% WP		
Work Order No.	NIL	Dated	18/05/2017
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	19/05/2017	Batch No.	TMZL-10731
Period of Analysis	19/05/2017 To 20/05/2017	Date of Mfg.	03/05/2017
Date of Reporting	20/05/2017	Date of Expiry	02/05/2019
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 provide 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	%	99.38	min 99	IS:6940
3	Suspensibility	%	53.36	min 50	IS:6940
4	Wettability	seconds	44	max 120	IS:6940
5	Mancozeb Content	%	74.12	+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	%	20.18	min 20	IS:8707

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

End of Report



For Idma Laboratories Limited
Authorized Signatory
TM/II/III

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Certificate No. 1187

7/4/2

TEST REPORT

27/6/13

Ref. No. IL/D- 1541	Date 25.5.17	Lab No.	190517L-PP-004	Page No. 1/1
Customer	Director of Agriculture Shimla - 5 Himachal Pradesh			
Type of Sample	Mancozeb 75% WP			
Work Order No.	NIL	Dated	18/05/2017	
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	19/05/2017	Batch No.	TMZL-10732	
Period of Analysis	19/05/2017 To 20/05/2017	Date of Mfg.	03/05/2017	
Date of Reporting	20/05/2017	Date of Expiry	02/05/2019	
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 provide 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	%	53.68	min 50	IS:6940
4	Wettability	seconds	48	max 120	IS:6940
5	Mancozeb Content	%	74.06	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	2.52	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.46	min 20	IS:8707

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

End of Report



For Idma Laboratories Limited

Authorized Signatory
TM/II/III

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Certificate No. T-9187

TEST REPORT

Ref. No. IL/D-1542	Date 25.05.17	Lab No. 190517L-PP-005	Page No. 1/1
Customer	Director of Agriculture Shimla - 5 Himachal Pradesh		
Type of Sample	Mancozeb 75% WP		
Work Order No.	NIL	Dated	18/05/2017
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	19/05/2017	Batch No.	TMZL-10733
Period of Analysis	19/05/2017 To 20/05/2017	Date of Mfg.	03/05/2017
Date of Reporting	20/05/2017	Date of Expiry	02/05/2019
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 provide 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	%	99.36	min 99	IS:6940
3	Suspensibility	%	53.18	min 50	IS:6940
4	Wettability	seconds	46	max 120	IS:6940
5	Mancozeb Content	%	73.98	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	2.526	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.24	min 20	IS:8707

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

End of Report



For Idma Laboratories Limited

Authorized Signatory
TM/11/111

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TEST REPORT

Ref. No. IL/D-1664	Date 30.05.17	Lab No.	250517L-PP-001	878 8/6/17	Page No. 1/1
Customer	Dy Director of Horticulture Solan Himachal Pradesh				
Type of Sample	Mancozeb 75% WP				
Work Order No.	UDYAN (SLN)6/14-2017-18/919			Dated	24/05/2017
Customer's Description of Sample	Mancozeb 75% WP (Uthane M-45)				
Quantity	500 gm				
Packing, Markings, Seal	Heat Sealed Polythene Pouch & Further Packed in Paper envelope, duly sealed &				
Mode of Receipt of Sample	Courier				
Date of Receipt of Sample	25/05/2017		Batch No.	EO1SMZ0008	
Period of Analysis	26/05/2017 To 28/05/2017		Date of Mfg.	13/05/2017	
Date of Reporting	29/05/2017		Date of Expiry	12/05/2019	
Visual Observation	N/A				
Testing Protocol	IS:8708-2006				

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Discription	--	Yellow (Greenish tinge) uniform 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 ls 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	%	52.57	min 50	IS:6940
4	Wettability	seconds	18	max 120	IS:6940
5	Mancozeb Content	%	74.21	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	2.51	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.61	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

Authorized Signatory
TM/1/11/111

JAS-ANZ



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Certificate No. T-0167

TEST REPORT

Ref. No. IL/D-1665	Date 30.05.17	Lab No. 250517L-PP-002	Page No. 1/1
Customer	Dy Director of Horticulture Solani Himachal Pradesh		
Type of Sample	Mancozeb 75% WP		
Work Order No.	UDYAN (SLN)6/14-2017-18/919	Dated	24/05/2017
Customer's Description of Sample	Mancozeb 75% WP (Uthane M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Heat Sealed Polythene Pouch & Further Packed in Paper envelope, duly sealed &		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	25/05/2017	Batch No.	EO1SMZ0009
Period of Analysis	26/05/2017 To 27/05/2017	Date of Mfg.	14/05/2017
Date of Reporting	29/05/2017	Date of Expiry	13/05/2019
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Discription	--	Yellow (Greenish tinge) uniform 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	%	99.17	min 99	IS:6940
3	Suspensibility	%	52.47	min 50	IS:6940
4	Wettability	seconds	25	max 120	IS:6940
5	Mancozeb Content	%	74.41	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	2.55	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.69	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

Authorized Signatory
TM/III/III

JAS-ANZ



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Certificate No. T-0157

TEST REPORT

Ref. No. IL/D-1666	Date 30.05.17	Lab No. 250517L-PP-003	Page No. 1/1
Customer	Dy Director of Horticulture Solan Himachal Pradesh		
Type of Sample	Mancozeb 75% WP		
Work Order No.	UDYAN (SLN)6/14-2017-18/919		
Customer's Description of Sample	Mancozeb 75% WP (Uthane M-45)	Dated	24/05/2017
Quantity	500 gm		
Packing, Markings, Seal	Heat Sealed Polythene Pouch & Further Packed in Paper envelope, duly sealed &		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	25/05/2017		
Period of Analysis	26/05/2017 To 27/05/2017	Batch No.	EO1SMZ0010
Date of Reporting	29/05/2017	Date of Mfg.	14/05/2017
Visual Observation	N/A	Date of Expiry	13/05/2019
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Discription	--	Yellow (Greenish tinge) uniform 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 ls shall wet readily on mixing with water providing a suspension suitable for spray.	IS:8708-2006
2	Material Passing through 45 micron IS: Sieve	%	99.29	min 99	IS:6940
3	Suspensibility	%	52.87	min 50	IS:6940
4	Wettability	seconds	28	max 120	IS:6940
5	Mancozeb Content	%	74.83	+5-3% of the nominal value (75)	IS:8707
6	Zinc Content of Mancozeb Content	%	2.52	min 2.5	IS:8707
7	Manganese content of Mancozeb	%	20.72	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

Authorized Signatory
TM/1/11/111



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Certificate No. T-0187

TEST REPORT

Ref. No. IL/D- 662	Date 30-05-17	Lab No. 250517L-PP-004	Page No. 1/1
Customer	Dy Director of Horticulture Solan Himachal Pradesh		
Type of Sample	Mancozeb 75% WP		
Work Order No.	UDYAN (SLN)6/14-2017-18/919	Dated	24/05/2017
Customer's Description of Sample	Mancozeb 75% WP (Uthane M-45)		
Quantity	500 gm		
Packing, Markings, Seal	Heat Sealed Polythene Pouch & Further Packed in Paper envelope, duly sealed &		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	25/05/2017	Batch No.	EO1SMZ0011
Period of Analysis	27/05/2017 To 29/05/2017	Date of Mfg.	15/05/2017
Date of Reporting	29/05/2017	Date of Expiry	14/05/2019
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Discription	--	Yellow (Greenish tinge) uniform 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	%	99.21	min 99	IS:6940
3	Suspensibility	%	52.74	min 50	IS:6940
4	Wettability	seconds	29	max 120	IS:6940
5	Mancozeb Content	%	74.96	+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	%	20.57	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

Authorized Signatory
TM/II/III

JAS-ANZ

All disputes are subject to Panchkula Jurisdiction only

INVOICE



Interstellar Testing Centre Pvt. Ltd.

(Formerly International Testing Centre)

(A Government Approved Test House)

86, Industrial Area, Phase-I, Panchkula-134109 (Haryana)

Phone : 0172-2561543, 2565825

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STC No. AAECI0497ESD001

Lic. No. Lab-3D (1)88

NABL Valid Till 04/06/17

PAN No. AAECI0497E

To **CROP CHEMICALS INDIA LTD.,,**
728, KAJHERI, SECTOR-52,
(OPP. SEC-42 BUS STAND) CHANDIGARH

Bill No. : ICM/17-18-513

Dated : 15-05-2017

S.No.	Name of the Product	Batch No.	Report No.	Amount
1	THIOPHANATE METHYL 70 % WP	CCK-6353	F-12M50417	2,500.00
2	HEXA CONAZOLE 5% EC	CCK-2753	F-12M50517	2,500.00
3	DIFENOCONAZOLE 25% EC	CCK-6452	F-12M50617	2,500.00
Total				7,500.00

(Service Tax 14 %)

Swachh Bharat Cess(SBC) in %

Krishi Kalyan Cess(KKC) in %

0.50

0.50

1,050.00

38.00

38.00

8,626.00

Total Amount(In words) Rs. Eight Thousand Six Hundred and Twenty Six Rupees Only

TEST REPORT

Document QF : 2501

Page 1 of 2

Issued To : Director of Horticulture Nav Bahar, Shimla-2 (HP) Shimla	Sample Reg. No. : R-12-05-09 Sample Reg. Da : 12-05-2017 Report Date : 13-05-2017 Report No. : F-12M50517 Customer Ref. N : Letter Letter Dated : 11-05-2017
Copy To : Dr. Rajeev Tegta, (HDO) o/o Senior Plant Protection Officer, Directorate of Horticulture Nav Bharat Shimla-2 HP	

Test Report as per IS : BIS Spec.No.IS:14550-1998	With Amendment No.(s) : N/A
PART A : PARTICULARS OF SAMPLE SUBMITTED	
a) Nature of Sample	Hexaconazole 5% EC
b) Grade / Variety / Type / Class / Size etc.	N/A
c) Brand Name	Hexcon
d) Declared Values, if any	5.0%
e) Code No.	N/A
f) Batch No. and D.O.M	CCK-2753 05/2017
g) Date of Expiry	04/2019
h) Quantity	100 ml
i) Batch Size	N/A
j) Mode of Packing	Packed in original packing & in cloth bag TWS
k) Date of Receipt	12-05-2017
l) Date of Start	12-05-2017
m) Date of Completion	13-05-2017
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 Crop Chemicals India Ltd
s) Supplied By	N/A

PART B : SUPPLEMENTARY INFORMATIONS

a	Reference to sampling procedure, whenever applicable	: N/A
b	Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or	: Graph



Interstellar Testing Centre Pvt. Ltd.

(Formerly International Testing Centre)

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86, Industrial Area, Phase-I, Panchkula-134109 (Haryana)

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TEST REPORT

Document QF : 2501

Page 2 of 2

Issued To : Director of Horticulture Nav Bahar, Shimla-2 (HP) Shimla	Sample Reg. No. : R-12-05-09 Sample Reg. Date : 12-05-2017 Report Date : 13-05-2017 Report No. : F-12M50517 Customer Ref. No. : Letter Letter Dated : 11-05-2017
Copy To : Dr.Rajeev Tegta, (HDO) o/o Senior Plant Protection Officer, Directorate of Horticulture Nav Bharat Shimla-2 HP	

ART C : TEST RESULTS

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

1	Description	The material is in the form of stable homogenous liquid, it free from sediment & suspended matter. On dilution with water it readily forms an emulsion suitable for spray.			
2	Cold Test at 10°C	Chemically	IS: 6940-1982	No turbidity or separation of solid or oily matter	No turbidity or separation of solid or oily matter
3	Emulsion Stability creaming at the top & sedimentation at the bottom (2.0 ml test), Max	Chemically	IS: 6940-1982	2.0 ml	Nil
4	Hexaconazole (% by mass)	GC-FID	IS: 14549-1998	5, +10, -5 % of the nominal value	5.06
5	Acidity (as H ₂ SO ₄) (% by mass), Max	Chemically	IS: 6940-1982	0.5	0.05

Note :

PART D : REMARKS : The above submitted sample of Hexaconazole 5% EC conforms to BIS Spec.No.IS:14550-1998 with upto date amends with respect to the above tests.

** End of Report **

13-05-2017

TEST REPORT

Document QF : 2501

Page 1 of 2

Issued To : Director of Horticulture Nav Bahar, Shimla-2 (HP) Shimla Copy To : Dr. Rajeev Tegta (HDO) o/o Senior Plant Protection Officer, Directorate of Horticulture Nav Bahar Shimla-2 HP	Sample Reg. No. : R-12-05-09 Sample Reg. Date : 12-05-2017 Report Date : 13-05-2017 Report No. : F-12M50617 Customer Ref. No : Letter Letter Dated : 11-05-2017
---	--

Test Report as per IS : Mfg. Declaration	With Amendment No.(s) : N/A
PART A : PARTICULARS OF SAMPLE SUBMITTED	
a) Nature of Sample	Difenoconazole 25% EC
b) Grade / Variety / Type / Class / Size etc.	N/A
c) Brand Name	Dizole
d) Declared Values, if any	25%
e) Code No.	N/A
f) Batch No. and D.O.M	CCK-6452 05/2017
g) Date of Expiry	04/2019
h) Quantity	100 ml
i) Batch Size	N/A
j) Mode of Packing	Packed in original packing & in cloth bag TWS
k) Date of Receipt	12-05-2017
l) Date of Start	12-05-2017
m) Date of Completion	13-05-2017
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 Crop Chemicals India Ltd.
s) Supplied By	N/A

PART B : SUPPLIMENTARY INFORMATIONS

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



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TEST REPORT

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Issued To : Director of Horticulture Nav Bahar, Shimla-2 (HP) Shimla	Sample Reg. No. : R-12-05-09
Copy To : Dr. Rajeev Tegta (HDO) o/o Senior Plant Protection Officer, Directorate of Horticulture Nav Bahar Shimla-2 HP	Sample Reg. Date : 12-05-2017
	Report Date : 13-05-2017
	Report No. : F-12M50617
	Customer Ref. No : Letter
	Letter Dated : 11-05-2017

PART C : TEST RESULTS

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

1	Description	The material is in the form of clear, stable, homogenous liquid, free from sediments & suspended matter. On dilution with water, it readily forms an emulsion suitable for use as a spray.			
a	Emulsion Stability creaming at the top & sedimentation at the bottom (2.0 ml test), Max	Chemically	--	2.0 ml	Nil
b	Acidity (as H ₂ SO ₄) (% by mass), Max	Chemically	IS: 6940-1982	--	0.009
c	Difenoconazole Content (% by mass)	GC-FID	--	25 ±5% of the nominal value	25.16

Note :

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

TEST REPORT

Document QF : 2501

Page 1 of 2

Issued To : Director of Horticulture Nav Bahar, Shimla-2 (HP) Shimla	Sample Reg. No. : R-12-05-09 Sample Reg. Date : 12-05-2017 Report Date : 17-05-2017 Report No. : F-12M50417 Customer Ref. No : Letter Letter Dated : 13-05-2017
Copy To : Dr. Rajeev Tegta (HDO) o/o Senior Plant Protection Officer, Directorate of Horticulture Nav Bharat Shimla-2 HP	

Test Report as per IS : BIS Spec. No. IS: 14552-1998		With Amendment No.(s) : 1
PART A : PARTICULARS OF SAMPLE SUBMITTED		
a)	Nature of Sample	Thiophanate Methyl 70 % WP
b)	Grade / Variety / Type / Class / Size etc.	N/A
c)	Brand Name	Trust
d)	Declared Values, if any	N/A
e)	Code No.	N/A
f)	Batch No. and D.O.M	CCK-6353 05/2017
g)	Date of Expiry	04/2019
h)	Quantity	100 gm
i)	Batch Size	N/A
j)	Mode of Packing	Packed in original packing & in cloth bag TWS
k)	Date of Receipt	12-05-2017
l)	Date of Start	12-05-2017
m)	Date of Completion	17-05-2017
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	N/A
s)	Supplied By	N/A

PART B : SUPPLIMENTARY INFORMATIONS

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



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TEST REPORT

Document QF : 2501

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sued To :
Director of Horticulture
Nav Bahar,
Shimla-2 (HP)
Shimla

Copy To : Dr. Rajeev Tegta (HDO)

c/o Senior Plant Protection Officer, Directorate of Horticulture
Nav Bharat Shimla-2 HP

Sample Reg. No. : R-12-05-09

Sample Reg. Date : 12-05-2017

Report Date : 17-05-2017

Report No. : F-12M50417

Customer Ref. No : Letter

Letter Dated : 13-05-2017

ART C : TEST RESULTS

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

1	Description	The material is in the form of light brown coloured homogenous free flowing powder, free from extraneous impurities. It wets readily on with water providing a suspension suitable for spray.			
a	Thiophanate Methyl content (% by mass)	HPLC	IS: 14551:1998	70, +5%, -3% of the nominal value	70.20
b	Sieving requirement material passing through 75 micron IS Sieve (% by mass)	Chemically	IS: 6940:1982	98.0	99.6
c	Suspensibility (% by mass), Min	Chemically	IS: 6940:1982	50.0	96.20
d	Alkalinity (as NaOH) (% by mass), Max	Chemically	IS: 6940:1982	0.20	0.02
e	Wettability, in seconds, Max.	Chemically	IS: 6940:1982	120	41

Note :

PART D : REMARKS : The above submitted sample of Thiophanate Methyl 70 % WP conforms to BIS Spec. No. IS: 14552-1998 with upto date amdts with respect to the above tests.

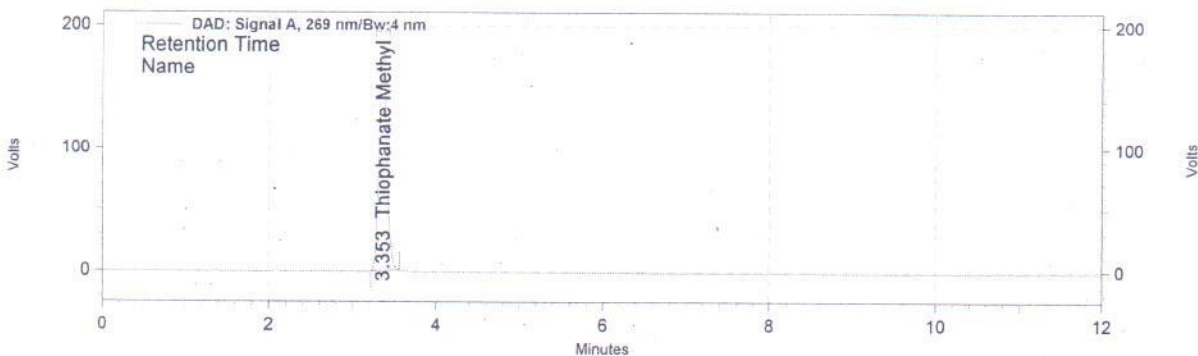
** End of Report **

17-05-2017

INTERSTELLAR TESTING CENTRE PVT. LTD

Page 1 of 1

Sample Name: Thiophanate Methyl
 Data File: D:\EZChrom Elite\Enterprise\Projects\Default\May,2017\17052017\Thiophanate Methyl_17052017\Thiophanate Methyl
 Method: d:\EZChrom Elite\Enterprise\Projects\Default\Method\Thiophanate Methyl New.met
 Acquired: 5/17/2017 3:30:44 PM Printed: 5/17/2017 4:05:27 PM
 Inj Vol: 5 Vial No. 82



DAD: Signal
 A, 269
 nm/Bw:4
 nm Results

Pk #	Name	RT	Area	Area %	Height	Height Percent
1	Thiophanate Methyl	3.353	2533082	100.00	392164	100.000
Totals			2533082	100.00	392164	100.000

Analysed By: *[Signature]*
 17-05-2017

Checked By: *[Signature]*
 17-05-2017

INTERSTELLAR TESTING CENTRE PVT. LTD

Sample Name: F-12M50417

Page 1 of 1

Data File:

D:\EZChrom Elite\Enterprise\Projects\Default\May,2017\17052017\Thiophanate Methyl_17052017\F-12M50417

Method:

d:\EZChrom Elite\Enterprise\Projects\Default\Method\Thiophanate Methyl New.met

Acquired:

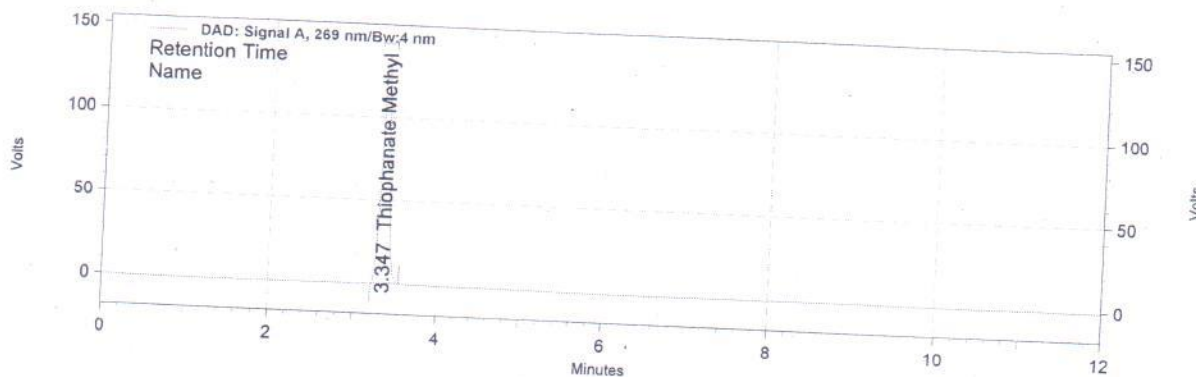
5/17/2017 3:44:09 PM

Printed: 5/17/2017 4:06:26 PM

Inj Vol:

5

Vial No. 83



DAD: Signal
A, 269
nm/Bw:4
nm Results

Pk #	Name	RT	Area	Area %	Height	Height Percent
1	Thiophanate Methyl	3.347	1845782	100.00	287463	100.000
Totals			1845782	100.00	287463	100.000

Analysed By:

17-05-2017

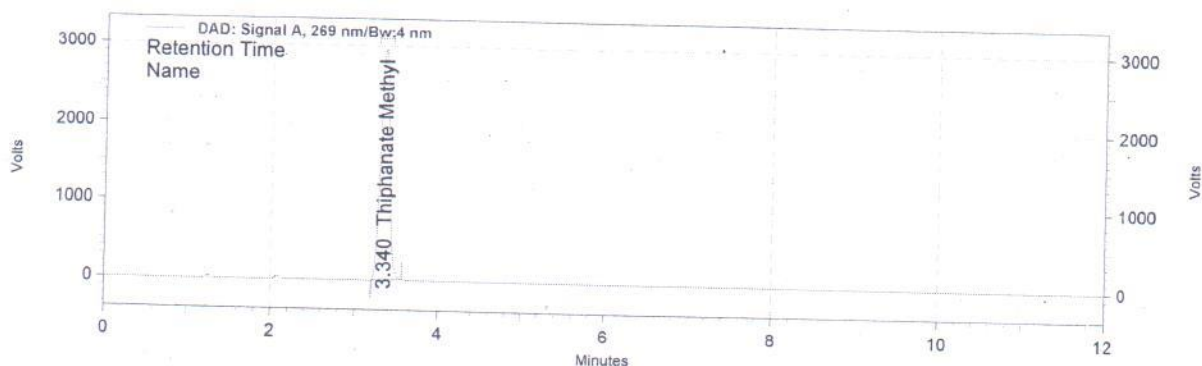
Checked By:

17-05-2017

INTERSTELLAR TESTING CENTRE PVT. LTD

Page 1 of 1

Sample Name: F-12M50417-SUS
 Data File: D:\EZChrom Elite\Enterprise\Projects\Default\May,2017\17052017\Thiophanate Methyl_17052017\F-12M50417-SUS
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 Acquired: 5/17/2017 3:57:28 PM Printed: 5/17/2017 4:37:32 PM
 Inj Vol: 5 Vial No. 84



DAD: Signal
 A, 269
 nm/Bw:4
 nm Results

Pk #	Name	RT	Area	Area %	Height	Height Percent
1	Thiophanate Methyl	3.340	45139919	100.00	6193910	100.000
Totals			45139919	100.00	6193910	100.000

Analysed By: *[Signature]*
 17-05-2017

Checked By: *[Signature]*
 17-05-2017