



Idma Laboratories Limited

(A Government Approved Test House)

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

Certificate No. T-3137

TEST REPORT

Ref. No. IL/D- 11156	Date 17.03.18	Lab No. 170318L-PP-001	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Carbendazim 50% WP		
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		
Date of Receipt of Sample	17/03/2018	Batch No.	TBL 18-0053
Period of Analysis	17/03/2018 To 17/03/2018	Date of Mfg.	23/02/2018 ✓
Date of Reporting	17/03/2018	Date of Expiry	22/02/2020 ✓
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. Readily wets with water provide 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	49.37	+5% -3% of the nominal value (50)	IS:8446-1991
3	Sieving (Material passing through 75 micron IS Sieve)	%m/m	99.18	Min 99.0	IS:6940-1982
4	Suspensibility	%m/m	61.82	Min 60.0	IS:6940-1982
5	Acidity (as H ₂ SO ₄)	%m/m	0.02	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

For Idma Laboratories Limited

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TM/1/1/11





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22-3-18

TEST REPORT

Ref. No. IL/D-1216	Date 20-2-18	Lab No. 190318PP-NL-003	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		
Customer's Description of Sample	Oxydemeton Methyl 25%EC (Metasystox)	Dated	19/03/2018
Quantity	250 ml		
Packing, Markings, Seal	Sample Packed in Aluminium Bottle & Sealed in Cloth Bag		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	19/03/2018		
Period of Analysis	20/03/2018 To 20/03/2018	Batch No.	BPSMTX2501
Date of Reporting	20/03/2018	Date of Mfg.	23/02/2018
Visual Observation	N/A	Date of Expiry	22/02/2019
Testing Protocol	IS:8259-1976		

RESULTS

S.No.	Test Parameter	Units	Results	Requirement	Test Method
1	Description <i>1150 N-2 S/HO 22/3/18</i>	-	Light yellowish Brown; clear; stable; homogeneous liquid free from sediments and suspended matter. On dilution with water, it provide an emulsion suitable for use as a spray.	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	47.2	above 24.5	IS:1448(P-20)

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22-3-18

TEST REPORT

Ref. No. IL/D- 11216		Date	20.03.18	Lab No.	190318PP-NL-003	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	24.85	±5% of the nominal value(25)	IS:8258-1976	
6	Acidity (as H2So4)	%m/m	00.28	Max 0.5%	IS:6940-1982	

Opinion : The received sample of Oxydemeton Methyl 25% EC conforms to IS:8259-1976 w.r.t. above tests

End of Report



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2485
99-3-18

TEST REPORT

Ref. No. ILD-11065	Date 14.03.18	Lab No. 090318PP-NL-006	Page No. 1/1
Customer	Director of Horticulture Nav Bahar 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 H2So4)	% 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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TEST REPORT

Ref. No. IL/D-11803	Date 23-03-18	Lab No. 210318L-PP-001	2558	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	21/03/2018
Customer's Description of Sample	Mancozeb 75% WP (Uthane 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	21/03/2018	Batch No.	KO5MZ30988	
Period of Analysis	22/03/2018 To 22/03/2018	Date of Mfg.	04/11/2017	
Date of Reporting	22/03/2018	Date of Expiry	03/11/2019	
Visual Observation	N/A			
Testing Protocol	IS:8708-2006			

RESULTS

S.No.	Test Parameter	Units	Results	Specified Requirements	Test Method
1	Discription/3.2.1	--	Yellow coloured(with green 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 a homogenous powder, yellow/yellowish green in colour, and shall wet readily on mixing with water providing a suspension suitable for use as a spray.	IS:8708-2006
2	Sieving(Passing through 45 micron IS: Sieve)/3.2.2	% by mass	99.08	Min 99	IS:6940-1982
3	Suspensibility/3.2.3	% by mass	52.88	Min 50	IS:6940-1982
4	Wettability/3.2.4	Seconds	40	Max 120	IS:6940-1982
5	Mancozeb Content/3.3.1	% by mass	74.92	75(+5,-3%)	IS:8707-2013 (Annex.A)
6	Zinc Content of Mancozed Content /3.3.2	% by mass	02.72	Min 2.5	IS:8707-2013 (Annex.B)
7	Manganese content of Mancozed Content /3.3.3	% by mass	21.08	Min 20	IS:8707-2013 (Annex.C)

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

End of Report

H-11803
5000 29/3/18



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TEST REPORT

Ref. No. IL/D- 11304	Date 23.03.18	Lab No. 210318L-PP-002	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Mancozeb 75% WP		
Work Order No.	NIL		
Customer's Description of Sample	Mancozeb 75% WP (Uthane 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	21/03/2018	Batch No.	KO5MZ60977
Period of Analysis	22/03/2018 To 22/03/2018	Date of Mfg.	06/11/2017
Date of Reporting	22/03/2018	Date of Expiry	05/11/2019
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specified Requirements	Test Method
1	Discription/3.2.1	--	Yellowish coloured(with green shade) homogeneous powder. It wets readily with water and provide a suspension suitable for use as a spray.	The material shall be in the form of a homogenous powder, yellow/yellowish green in colour, and shall wet readily on mixing with water providing a suspension suitable for use as a spray	IS:8708-2006
2	Sieving(Passing through 45 micron IS: Sieve)/3.2.2	% by mass	99.22	Min 99	IS:6940-1982
3	Suspensibility/3.2.3	% by mass	53.16	Min 50	IS:6940-1982
4	Wettability/3.2.4	Seconds	38	Max 120	IS:6940-1982
5	Mancozeb Content/3.3.1	% by mass	74.84	75(+5,-3%)	IS:8707-2013 (Annex.A)
6	Zinc Content of Mancozed Content /3.3.2	% by mass	02.84	Min 2.5	IS:8707-2013 (Annex.B)
7	Manganese content of Mancozed Content /3.3.3	% by mass	20.44	Min 20	IS:8707-2013 (Annex.C)

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-11 305	Date 23.03.18	Lab No. 210318L-PP-003	2560... 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	21/03/2018
Customer's Description of Sample	Mancozeb 75% WP (Uthane 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	21/03/2018	Batch No.	KO5MZ50901
Period of Analysis	22/03/2018 To 22/03/2018	Date of Mfg.	06/11/2017
Date of Reporting	22/03/2018	Date of Expiry	05/11/2019
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specified Requirements	Test Method
1	Discription/3.2.1	--	Yellowish coloured(Green Shade) homogeneous powder. Readily wets with water providing a suspension suitable for use as a spray.	The material shall be in the form of a homogenous powder, yellow/yellowish green in colour, and shall wet readily on mixing with water providing a suspension suitable for use as a spray	IS:8708-2006
2	Sieving(Passing through 45 micron IS: Sieve)/3.2.2	% by mass	99.38	Min 99	IS:6940-1982
3	Suspensibility/3.2.3	% by mass	52.36	Min 50	IS:6940-1982
4	Wettability/3.2.4	Seconds	40	Max 120	IS:6940-1982
5	Mancozeb Content/3.3.1	% by mass	74.78	75(+5,-3%)	IS:8707-2013 (Annex.A)
6	Zinc Content of Mancozed Content /3.3.2	% by mass	02.76	Min 2.5	IS:8707-2013 (Annex.B)
7	Manganese content of Mancozed Content /3.3.3	% by mass	21.12	Min 20	IS:8707-2013 (Annex.C)

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-11306	Date 22.03.18	Lab No. 210318L-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 21/03/2018
Customer's Description of Sample	Mancozeb 75% WP (Uthane 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	21/03/2018	Batch No.	KO5MZ30995
Period of Analysis	22/03/2018 To 22/03/2018	Date of Mfg.	06/11/2017
Date of Reporting	22/03/2018	Date of Expiry	05/11/2019
Visual Observation	N/A		
Testing Protocol	IS:8708-2006		

RESULTS

S.No.	Test Parameter	Units	Results	Specified Requirements	Test Method
1	Discription/3.2.1	--	Yellowish coloured(Green Shade) homogeneous powder. Readily wets with water providing a suspension suitable for use as a spray.	The material shall be in the form of a homogenous powder, yellow/yellowish green in colour, and shall wet readily on mixing with water providing a suspension suitable for use as a spray	IS:8708-2006
2	Sieving(Passing through 45 micron IS: Sieve)/3.2.2	% by mass	99.06	Min 99	IS:6940-1982
3	Suspensibility/3.2.3	% by mass	53.22	Min 50	IS:6940-1982
4	Wettability/3.2.4	Seconds	42	Max 120	IS:6940-1982
5	Mancozeb Content/3.3.1	% by mass	75.02	75(+5,-3%)	IS:8707-2013 (Annex.A)
6	Zinc Content of Mancozed Content /3.3.2	% by mass	02.66	Min 2.5	IS:8707-2013 (Annex.B)
7	Manganese content of Mancozed Content /3.3.3	% by mass	20.86	Min 20	IS:8707-2013 (Annex.C)

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- 11334	Date 23-3-18	Lab No. 200318L-PP-003	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Copper Oxychloride 50% WP		
Work Order No.	NIL	Dated 20/03/2018	
Customer's Description of Sample	Copper Oxychloride 50% WP (BLITOX)		
Quantity	500 gm		
Packing, Markings, Seal	Carton box & Further Packed in Paper envelope, Duly Sealed & Signed		
Mode of Receipt of Sample	By Hand		
Date of Receipt of Sample	20/03/2018	Batch No. AW01464	
Period of Analysis	21/03/2018 To 21/03/2018	Date of Mfg. 01/03/2018	
Date of Reporting	21/03/2018	Date of Expiry 28/02/2020	
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 wet with water providing a suspension 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	50.18	+5-5% of the nominal value (50)	IS:1506-1977
3	Suspensibility	% By Mass	81.18	Min 80.0	IS:6940-1982
4	pH of 1 % aqueous dispersion	--	7.5	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

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TM/11/111





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Ref. No. IL/D- 11336	Date 23.03.18	TEST REPORT	Lab No. 200318L-PP-001	2563 Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh			
Type of Sample	Carbendazim 50% WP			
Work Order No.	NIL		Dated	20/03/2018
Customer's Description of Sample	Carbendazim 50% WP (DHANUSTIN)			
Quantity	100 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	20/03/2018	Batch No.	KLQ-0021	
Period of Analysis	21/03/2018 To 21/03/2018	Date of Mfg.	01/03/2018	
Date of Reporting	21/03/2018	Date of Expiry	28/02/2020	
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.. Readily wets with water provide 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	49.98	+5% -3% of the nominal value (50)	IS:8446-1991
3	Sieving (Material passing through 75 micron IS Sieve	%m/m	99.20	Min 99.0	IS:6940-1982
4	Suspensibility	%m/m	62.06	Min 60.0	IS:6940-1982
5	Acidity (as H2SO4)	%m/m	0.018	Max 0.05	IS:6940-1982

Opinion : The received sample of Carbendazim 50% WP(Dhanustin) conforms to IS: 8446-1991(R-12) Amdt.02 w.r.t. above tests.

End of Report

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TEST REPORT

Ref. No. IL/D-11337	Date 23.03.18	Lab No. 200318L-PP-002	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Carbendazim 50% WP		
Work Order No.	NIL	Dated	20/03/2018
Customer's Description of Sample	Carbendazim 50% WP (DHANUSTIN)		
Quantity	100 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	20/03/2018	Batch No.	KLQ-0022
Period of Analysis	21/03/2018 To 21/03/2018	Date of Mfg.	07/03/2018
Date of Reporting	21/03/2018	Date of Expiry	05/03/2020
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. Readily wets with water provide 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	49.88	+5% -3% of the nominal value (50)	IS:8446-1991
3	Sieving (Material passing through 75 micron IS Sieve)	%m/m	99.06	Min 99.0	IS:6940-1982
4	Suspensibility	%m/m	61.74	Min 60.0	IS:6940-1982
5	Acidity (as H ₂ SO ₄)	%m/m	00.02	Max 0.05	IS:6940-1982

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

End of Report



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2565
28-3-18

TEST REPORT

Ref. No. IL/D- 11342	Date 24.3.18	Lab No. 210318PP-NL-001	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Streptocycline Sulphate + Tetracycline Hydrochloride		
Work Order No.	NIL	Dated	21/03/2018
Customer's Description of Sample	Streptocycline Sulphate + Tetracycline Hydrochloride (K-Cycline)		
Quantity	6 gm		
Packing, Markings, Seal	Sample Packed in Paper Envelope & Sealed in Paper envelope		
Mode of Receipt of Sample	Courier		
Date of Receipt of Sample	21/03/2018	Batch No.	AG06717
Period of Analysis	22/03/2018 To 22/03/2018	Date of Mfg.	10/2017
Date of Reporting	23/03/2018	Date of Expiry	09/2019
Visual Observation	N/A		
Testing Protocol	Product specification		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	-	Free flowing white powder.		
2	Streptomycine sulphate	%w/w	88.40	90	I.P
3	Tetracycline Hydrochloride	%w/w	09.80	10	I.P

Opinion : The received sample of Streptocycline Sulphate + Tetracycline Hydrochloride conforms to the Product specifications w.r.t. above tests.

End of Report

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28/3/18
SPPD





Interstellar Testing Centre Pvt. Ltd.

(Formerly International Testing Centre)

(A Government Approved Test House)

86, Industrial Area, Phase-I, Panchkula-134169 (Haryana)

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Issued To The Senior Plant Protection Officer Navbhar, Shimla Shimla	Sample Reg. No. : F01-1803170810 Sample Reg. Date : 17-03-2018 Report Date : 22-03-2018 Report No. : ICF-1803221089 Customer Ref. No. : Letter Letter Dated : 16-03-2018	2586 31-3-18
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Test Report as per IS: BIS Spec. No IS: 14550-1998	With Amendment No.(s): N/A
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PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample	Hexaconazole 5% EC
b)	Grade / Variety / Type / Class / Size etc.	EC
c)	Brand Name	Glow
d)	Declared Values, if any	5 %
e)	Code No.	
f)	Batch Number	SLN 2415
g)	D.O.M	07.03.2018
h)	Date of Expiry	06.03.2020
i)	Sample Quantity	1 X 100ml
j)	Batch Size	N/A
k)	Mode of Packing	Packed in sealed original packing
l)	Date of Receipt	17-03-2018
m)	Date of Start	17-03-2018
n)	Date of Completion	22-03-2018
o)	BIS Seal (Intact/Not Intact/Unsealed)	Unsealed
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	N/A
r)	Submitted By	The Senior Plant Protection Officer
s)	Manufactured By	Pioneer Pesticides Pvt. Ltd.
t)	Supplied By	Pioneer Pesticides Pvt. Ltd.

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 photographs as appropriate to test reports, if any	Graph
c)	Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	N/A



Interstellar Testing Centre Pvt. Ltd.

(Formerly International Testing Centre)

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Document QF : 2501

Page 2 of 2

Issued To The Senior Plant Protection Officer Navbhar, Shimla Shimla	Sample Reg. No. : F01-1803170310 Sample Reg. Date : 17-03-2018 Report Date : 22-03-2018 Report No. : ITC-1803221089 Customer Ref. No. : Letter Letter Dated : 16-03-2018
---	---

PART C : TEST RESULTS

S.No.	Test Parameter	Inst. Used	Method	Requirement	Result
Test Details :					
1.	Description				
a	Description	The material is clear stable, homogeneous liquid. It is free from sediments or suspended matter. On dilution with water it readily form an emulsion, suitable for use as spray.			
2	Pesticides				
a	Cold Test at 10°C	Chemically	IS-6940-1982	No turbidity or separation of solid or oily matter	The turbidity or separation of solid or oily matter
b	Flash Point (Abel)	ABEL	IS-1448 (19-2)	24.5°C	Above 24.5°C
c	Emulsion Stability (creaming at the top & sedimentation at the bottom (2.0 ml test), Max	Chemically	IS-6940-1982	2.0 ml	Nil
d	Hexaconazole (%) by mass	GC-FID(Nucol)	IS-14549-1998	5, +10, -5 % of the nominal value	5.24
e	Acidity (as H ₂ SO ₄) (%) by mass, Max	Chemically	IS-6940-1982	0.5	0.24

NOTE : N/A

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



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ISO 9001:2015
Certified Laboratory

Issued To

The Senior Plant Protection Officer
Naybhar, Shimla
Shimla

Sample Reg. No. : F01-1803170813

Sample Reg. Date : 17-03-2018

Report Date : 22-03-2018

Report No : ICF-1803221088

Customer Ref. No.: Letter

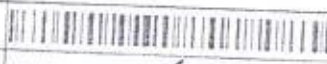
Letter Dated : 16-03-2018

9587
31-3-18

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.	WP
c)	Brand Name	Stop
d)	Declared Values, if any	70 %
e)	Code No.	
f)	Batch Number	
g)	D.O.M	SLN 2415
h)	Date of Expiry	26.02.2018
i)	Sample Quantity	25.02.2020
j)	Batch Size	1 X 100gm
k)	Mode of Packing	N/A
l)	Date of Receipt	Packed in sealed original packing
m)	Date of Start	17-03-2018
n)	Date of Completion	17-03-2018
o)	BIS Seal (Intact/Not Intact/Unsealed)	22-03-2018
p)	IO'S Signature (Signed/Unsigned)	Unsealed
q)	Any Other Information	Unsigned
r)	Submitted By	N/A
s)	Manufactured By	The Senior Plant Protection Officer
t)	Supplied By	Pioneer Pesticides Pvt. Ltd.

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 photographs as appropriate to test reports, if any	Graph
c	Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	N/A



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Page 2 of 2



ISO 9001 : 2015 CERTIFIED
ISO 17025 : 2017 CERTIFIED
Lab No. 1000

Issued To The Senior Plant Protection Officer Navbhar, Shimla Shimla	Sample Reg. No. : F01-1803170813 Sample Reg. Date : 17-03-2018 Report Date : 22-03-2018 Report No : JCF-1803221088 Customer Ref. No. : Letter Letter Dated : 16-03-2018
---	--

PART C : TEST RESULTS

S.No.	Test Parameter	Inst. Used	Method	Requirement	Result
Test Details :					
1.	Description	The material is in the form of a fine, free flowing light brown to cream coloured homogenous powder free from extraneous impurities. It wet readily on mixing with water providing a suspension for suitable use as a spray.			
a	Description				
2.	Pesticides				
a	Thiophanate Methyl content (% by mass)	HPLC	IS 14551:1998	70, +5%, -3% of the nominal value	70.13
b	Sieving requirement material passing through 75 micron IS Sieve (% by mass)	Chemically	IS 6940:1982	Min -98%	98.26
c	Suspensibility (% by mass), Min	Chemically	IS 6940:1982	50	57.32
d	Alkalinity (as NaOH) (% by mass), Max	Chemically	IS 6940:1982	0.2	0.11
e	Wettability, in seconds, Max.	Chemically	IS 6940:1982	120	28

NOTE : N/A

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

Paoloop
22-03-2018
Reviewer

*****End Of Report*****

Dr. Indra Rai
[Tech Manager (F&C)]



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ISO 9001:2008 & 14001:2015
ISO 17025:2017
NABL Laboratory

Document ID : 2501

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Issued To
The Senior Plant Protection Officer
Navbhar, Shimla
Shimla

Sample Reg. No. : F01-1803170808

Sample Reg. Date : 17-03-2018

Report Date : 20-03-2018

Report No. : ICF-1803200944

Customer Ref. No. : Letter

Letter Dated : 16-03-2018

2588
31-3-18

Test Report as per IS: BIS Spec No. 8446-1991

With Amendment No.(s): 1 & 2

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample	Carbendazim 50% WP
b)	Grade / Variety / Type / Class / Size etc.	WP
c)	Brand Name	Mavistin
d)	Declared Values, if any	50 %
e)	Code No.	
f)	Batch Number	SLN 2415
g)	D.O.M	23.02.2018
h)	Date of Expiry	22.02.2023
i)	Sample Quantity	1 X 100gm
j)	Batch Size	N/A
k)	Mode of Packing	Packed in sealed original packing
l)	Date of Receipt	17-03-2018
m)	Date of Start	17-03-2018
n)	Date of Completion	20-03-2018
o)	BIS Seal (Intact/Not Intact/Unsealed)	Unsealed
p)	O/S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	N/A
r)	Submitted By	The Senior Plant Protection Officer
s)	Manufactured By	Pioneer Pesticides Pvt. Ltd.
t)	Supplied By	Pioneer Pesticides Pvt. Ltd.

17-03-18
2
31/3/18

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 photographs as appropriate to test reports, if any	Graph
c	Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	N/A



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Page 2 of 2

Issued To The Senior Plant Protection Officer Navbhar, Shimla Shimla	Sample Reg. No. : F01-1803170808 Sample Reg. Date : 17-03-2018 Report Date : 20-03-2018 Report No : ICF-1803200944 Customer Ref. No.: Letter Letter Dated : 16-03-2018
---	---

PART C : TEST RESULTS

S.No.	Test Parameter	Inst. Used	Method	Requirement	Result
Test Details :					
1.	Description				
a.	Description	The material is in the form of a homogenous powder which wet readily on mixing with water, providing suspension suitable for use as a spray			
2.	Pesticides				
a.	Alkalinity (as NaOH) (% by mass), Max	Chemically	IS:6940-1982	0.05	0.027
b.	Carbendazim (MBC) Content (% by mass)	Chemically	IS:8446-1991	50, +5%, 3% of the nominal value	50.14
c.	Sieving requirement material passing through 45 micron IS Sieve (% by mass), Min	Chemically	IS:6940-1982	99	99.31
d.	Suspensibility (% by mass), Min	Chemically	IS:8446-1991	60	69.46

NOTE : N/A

PART D : REMARKS : The above submitted sample of Carbendazim 50% WP conforms to BIS Spec No. 8446-1991 with upto date amdt's with respect to the above tests.

Signature
20-03-2018
Reviewer

***** End Of Report *****

Signature
20-03-2018
Dr. Indu Rai
ITech Manager (F&C)



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Page 1 of 2

Issued To The Senior Plant Protection Officer Naybhar, Shimla Shimla	Sample Reg. No. : F01-1803170809 Sample Reg. Date : 17-03-2018 Report Date : 22-03-2018 Report No : ICF-1803221087 Customer Ref. No. : Letter Letter Dated : 16-03-2018
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2589
31-3-18

Test Report as per IS: BIS Spec. No- IS: 15335-2003	With Amendment No.(s):
---	------------------------

PART A : PARTICULARS OF SAMPLE SUBMITTED

a) Nature of Sample	Imidacloprid 17.8% SL
b) Grade / Variety / Type / Class / Size etc.	SL
c) Brand Name	Crocodile
d) Declared Values, if any	17.8 %
e) Code No.	
f) Batch Number	SLN 2415
g) D.O.M	28.02.2018
h) Date of Expiry	27.02.2020
i) Sample Quantity	1 X 100ml
j) Batch Size	Crocodile
k) Mode of Packing	Packed in sealed original packing
l) Date of Receipt	17-03-2018
m) Date of Start	17-03-2018
n) Date of Completion	22-03-2018
o) BIS Seal (Intact/Not Intact/Unsealed)	Unsealed
p) IO'S Signature (Signed/Unsigned)	Unsigned
q) Any Other Information	N/A
r) Submitted By	The Senior Plant Protection Officer
s) Manufactured By	Pioneer Pesticides Pvt. Ltd.
t) Supplied By	Pioneer Pesticides Pvt. Ltd.

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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 photographs as appropriate to test reports, if any	Graphs
c) Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	(N/A)

1/



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Page 2 of 2

Issued To The Senior Plant Protection Officer Naybhar, Shimla Shimla	Sample Reg. No. : F01-1803170809 Sample Reg. Date : 17-03-2018 Report Date : 22-03-2018 Report No : ICF-1803221087 Customer Ref. No. : Letter Letter Dated : 16-03-2018
---	--

PART C : TEST RESULTS

S.No.	Test Parameter	Inst. Used	Method	Requirement	Result
Test Details :					
1.	Description				
a.	Description	The material is in the form of clear light brown liquid 0.5% (m/v) solution of the material in water gives clear solution.			
2.	Pesticides				
a.	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
b.	Flash Point (Abel)	ABEL	IS: 1448(P-20)-1900	Above 24.5°C	Above 24.5°C
c.	Imidacloprid content (% by mass)	HPLC	IS: 15443-2004	17.8% ±5% of the nominal value	17.8%
d.	Acidity (as H ₂ SO ₄) (% by mass), Max	Chemically	IS: 6940-1982	1	0.20

NOTE : N/A

PART D : REMARKS : The above submitted sample of Imidacloprid 17.8% SL conforms to BIS Spec. No-IS: 15335-2003 with upto date amds with respect to the above tests.

For Deep
22/03/2018
Reviewer

***** End Of Report *****

22-03-2018
Dr. Indra Rai
[Tech Manager (P&C)]



Idma Laboratories Limited

(A Government Approved Test House)

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

2574
2-4-18

TEST REPORT

Ref. No. IL/D-10967	Date 04-03-18	Lab No. 080318PP-NL-020	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	Dated	08/03/2018
Customer's Description of Sample	Thiacloprid 21.7% SC (Alanto) ✓		
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	08/03/2018	Batch No.	ALNSA8001
Period of Analysis	09/03/2018 To 09/03/2018	Date of Mfg.	19/02/2018
Date of Reporting	09/03/2018	Date of Expiry	18/02/2020
Visual Observation	N/A		
Testing Protocol	Product Specification		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description		Off White coloured viscous liquid.	The Material shall be in the forms of white to creamish colour viscous liquid	
2	Thiacloprid Content		21.68	±5% of the nominal value (21.7)	IHM
3	Suspensibility		86.08	min. 85.0%	IS: 6940-1982 (R-2002) Amend 2
4	pH of suspension at 27 Degree C		8	7.5 - 9.50	IS: 6940-1982 (R-2002) Amend 2

Opinion : The received sample of Thiacloprid 21.7% EC conforms to the product specifications w.r.t. above tests.

***End of Report**



For Idma Laboratories Limited

Authorized Signatory

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24/4/18
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Idma Laboratories Limited

(A Government Approved Test House)

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

25953
2-4-18

TEST REPORT

Ref. No. IL/D-10968	Date 09-03-18	Lab No. 080318PP-NL-021	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	Dated	08/03/2018
Customer's Description of Sample	Thiacloprid 21.7% SC (Alanto)		
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	08/03/2018	Batch No.	ALNSAB004
Period of Analysis	09/03/2018 To 09/03/2018	Date of Mfg.	24/02/2018
Date of Reporting	09/03/2018	Date of Expiry	23/02/2020
Visual Observation	N/A		
Testing Protocol	Product Specification		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description		Off white coloured viscous liquid,	The Material shall be in the forms of white to creamish colour viscous liquid	
2	Thacloprid Content		21.72	±5% of the nominal value (21.7)	IHM
3	Suspensibility		88.78	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 received sample of Thiacloprid 21.7% SC conforms to the product specifications w.r.t.above tests.

***End of Report**

For Idma Laboratories Limited

Authorized Signatory





Idma Laboratories Limited

(A Government Approved Test House)

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2576
2-4-18

TEST REPORT

Ref. No. IL/D-10964	Date 09-03-18	Lab No. 080318PP-NL-022	Page No. 1/1
Customer	Director of Horticulture Nav Bahar Shimla-2 Himachal Pradesh		
Type of Sample	Propineb 70% W.P		
Work Order No.	NIL	Dated	08/03/2018
Customer's Description of Sample	Propineb 70% W.P (ANTRACOL)		
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	08/03/2018	Batch No.	ANTSA8019
Period of Analysis	09/03/2018 To 09/03/2018	Date of Mfg.	26/02/2018
Date of Reporting	09/03/2018	Date of Expiry	25/02/2020
Visual Observation	N/A		
Testing Protocol	Product Specification		

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	--	Off white, homogenous, free flowing powder. No extraneous impurities detected visibly. Readily wets with water providing a suspension suitable for use as a spray.	The material shall be in the form of homogenous powder. It shall wet readily on mixing with water suitable for spray.	--
2	Propineb Content	%m/m	69.88	+5-3% of the Nominal value(70)	I.H.M
3	Sieving (material passing through 75 micron IS:sieve)	%m/m	99.26	Min 98	IS:6940-1982
4	Suspensibility	%m/m	84.06	Min 70	IS:6940-1982
5	Acidity (as H ₂ SO ₄)	%m/m	00.02	Max 0.5	IS:6940-1982
6	Wettability	Second	12	Max 120	IS:6940-1982

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

End of Report



Idma Laboratories Limited

Authorized Signatory

Test Report

Issued To

The Senior Plant Protection Officer
 Navbhar, Shimla
 Shimla

Sample Reg. No. : F01-1803160745

Sample Reg. Date : 16-03-2018

Report Date : 10-04-2018

Report No : ICF-1804100490

Customer Ref. No.: Letter

Letter Dated : 16-03-2018

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 16-4-18

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	Score
d) Declared Values, if any	N/A
e) Code No.	
f) Batch Number	SAP8B005
g) D.O.M	16.02.2018
h) Date of Expiry	15.02.2021
i) Sample Quantity	100 ml
j) Batch Size	N/A
k) Mode of Packing	Packed in sealed original packing
l) Date of Receipt	16-03-2018
m) Date of Start	16-03-2018
n) Date of Completion	10-04-2018
o) BIS Seal (Intact/Not Intact/Unsealed)	Sealed
p) IO'S Signature (Signed/Unsigned)	Signed
q) Any Other Information	N/A
r) Submitted By	The Senior Plant Protection Officer - Shimla (Himachal Pradesh)
s) Manufactured By	The Senior Plant Protection Officer
t) Supplied By	The Senior Plant Protection Officer

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 photographs as appropriate to test reports, if any	: Graph
c) Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

Test Report

Issued To The Senior Plant Protection Officer Navbhar, Shimla Shimla	Sample Reg. No. : F01-1803160745 Sample Reg. Date : 16-03-2018 Report Date : 10-04-2018 Report No : ICF-1804100490 Customer Ref. No.: Letter Letter Dated : 16-03-2018
--	---

PART C : TEST RESULTS

S.No.	Test Parameter	Inst. Used	Method	Requirement	Result
Test Details :					
1.	Description	The material is in the form of light yellow colour liquid.			
a.	Description				
2.	Chemical Parameters				
a.	Difenoconazole Content (% by mass)	GC-FID(Nucon)	In House Method	25 ± 5% of the nominal value	25.14
3.	Pesticides				
a.	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.
b.	Flash Point (Abel)	ABEL	IS 6940:1982	24.5°C	Above 24.5°C

NOTE : N/A

PART D : REMARKS : The above submitted sample of Difenoconazole 25% EC conforms to Mfg. declaration respect to the above tests.

[Signature]
 Director



Idma Laboratories Limited

(A Government Approved Test House)

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

257
28/4/18

TEST REPORT

Ref. No. IL/D- 613	Date 25-04-18	Lab No.	210418PP-NL-007	Page No. 1/1
Customer	Director of Agriculture Shimla - 5 Himachal Pradesh Himachal Pradesh			
Type of Sample	Streptocycline (K-Cycline)			
Work Order No.	NIL	Dated	17/04/2018	
Customer's Description of Sample	Streptocycline (K-Cycline)			
Quantity	6 gm			
Packing, Markings, Seal	Sample Packed in Paper envelope & Duly Seal & Signed			
Mode of Receipt of Sample	By Hand			
Date of Receipt of Sample	21/04/2018	Batch No.	AG06817	
Period of Analysis	23/04/2018 To 23/04/2018	Date of Mfg.	10/2017	
Date of Reporting	23/04/2018	Date of Expiry	09/2019	
Visual Observation	N/A			
Testing Protocol	Product specification			

RESULTS

S.No.	Test Parameter	Units	Results	Specifications	Test Method
1	Description	-	It is free flowing creamish (white) powder.		
2	Streptomycine sulphate	%w/w	89.40	90	I.P
3	Tetracycline Hydrochloride	%w/w	09.86	10	I.P

Opinion : The received sample of Streptocycline Sulphate + Tetracycline Hydrochloride (9:1) conforms to the Product specification w.r.t. above tests.

End of Report



For Idma Laboratories Limited

Authorized Signatory



Test Report

Issued To The Senior Plant Protection Officer Navbhar, Shimla Shimla	Sample Reg. No. : F01-1804100595 Sample Reg. Date : 10-04-2018 Report Date : 27-04-2018 Report No : ICF-1804271497 Customer Ref. No. : Letter Letter Dated : 20-03-2018
--	--

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	Score
d) Declared Values, if any	N/A
e) Code No.	
f) Batch Number	SAP8C008
g) D.O.M	06.03.2018
h) Date of Expiry	05.03.2021
i) Sample Quantity	100 ml
j) Batch Size	N/A
k) Mode of Packing	Packed in sealed original packing
l) Date of Receipt	10-04-2018
m) Date of Start	10-04-2018
n) Date of Completion	27-04-2018
o) BIS Seal (Intact/Not Intact/Unsealed)	Unsealed
p) IO'S Signature (Signed/Unsigned)	Unsigned
q) Any Other Information	N/A
r) Submitted By	The Senior Plant Protection Officer - Shimla (Himachal Pradesh)
s) Manufactured By	Broadway Agro Agencies Pvt. Ltd.
t) Supplied By	The Senior Plant Protection Officer

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 photographs as appropriate to test reports, if any	: Graph
c	Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any	: N/A

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15/18
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Test Report

Issued To The Senior Plant Protection Officer Navbhar, Shimla Shimla	Sample Reg. No. : F01-1804100595 Sample Reg. Date : 10-04-2018 Report Date : 27-04-2018 Report No : ICF-1804271497 Customer Ref. No. : Letter Letter Dated : 20-03-2018
--	--

PART C : TEST RESULTS

S.No.	Test Parameter	Inst. Used	Method	Requirement	Result
Test Details :					
1.	Description	Pale yellow coloured liquid.			
a.	Description				
2.	Pesticides			25 ±5% of the nominal value	25.12
a.	Difenoconazole Content (% by mass)	GC-FID(Nucon)	In house	No turbidity or separation of solid or oily matter	No turbidity or separation of solid or oily matter.
b.	Cold Test at 10°C	Chemically	IS 6940:1982	Above 24.5°C	Above 24.5° C
c.	Flash Point (Abel)	ABEL	IS 6940:1982		

NOTE : N/A

PART D : REMARKS : The above submitted sample of Difenoconazole 25% EC conforms to Mfg. deceleration respect to the above tests.


 Pardeep
 27-04-2018
 Reviewer

27-04-2018
 Dr. Indra Rai
 (Tech Manager (F&C))