National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL DEPARTMENT, PI INDUSTRIES LTD.-PANOLI, PLOT NO. 237, GIDC PANOLI, ANKLESHWAR, BHARUCH, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 13/06/2021 to 12/06/2023 **Last Amended on** 29/06/2021

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- PESTICIDE FORMULATIONS	Bispyribac Sodium 10%SC	Bispyribac Sodium Content w/v	STP:QCD:LF:30
2	CHEMICAL- PESTICIDE FORMULATIONS	Bispyribac Sodium 10%SC	Material passing through 200 BSS mesh (Wet Sieving)	STP:QCD:GEN:24
3	CHEMICAL- PESTICIDE FORMULATIONS	Bispyribac Sodium 10%SC	Persistent Foam after 3 min.	STP:QCD:LF:40
4	CHEMICAL- PESTICIDE FORMULATIONS	Bispyribac Sodium 10%SC	pH (1 % Aqueous in water)	W:QCD:04
5	CHEMICAL- PESTICIDE FORMULATIONS	Bispyribac Sodium 10%SC	Pourabilty (residue) w/w	STP:QCD:LF:38
6	CHEMICAL- PESTICIDE FORMULATIONS	Bispyribac Sodium 10%SC	Specific Gravity at 27° C	STP:QCD:GEN:01
7	CHEMICAL- PESTICIDE FORMULATIONS	Bispyribac Sodium 10%SC	Spontaneity of Dispersion w/w	STP:QCD:LF:39
8	CHEMICAL- PESTICIDE FORMULATIONS	Bispyribac Sodium 10%SC	Suspensibility w/w	STP:QCD:LF:37
9	CHEMICAL- PESTICIDE FORMULATIONS	Cypermethrin 25 % EC	Emulsion stability	IS 6940
10	CHEMICAL- PESTICIDE FORMULATIONS	Cypermethrin 25 % EC	A.I Content	IS 12016
11	CHEMICAL- PESTICIDE FORMULATIONS	Cypermethrin 25 % EC	Acidity As H2SO4	IS 6940
12	CHEMICAL- PESTICIDE FORMULATIONS	Cypermethrin 25 % EC	Cold Test	IS 6940
13	CHEMICAL- PESTICIDE FORMULATIONS	Cypermethrin 25 % EC	Flash Point	IS 1448 (Part: 20)
14	CHEMICAL- PESTICIDE FORMULATIONS	Ethion 40 % + Cypermethrin 5% EC	A.I Content Cypermethrin	IS 12016
15	CHEMICAL- PESTICIDE FORMULATIONS	Ethion 40 % + Cypermethrin 5% EC	Cold Test	IS 6940
16	CHEMICAL- PESTICIDE FORMULATIONS	Ethion 40 % + Cypermethrin 5% EC	Flash Point	IS 1448 (Part :20)
17	CHEMICAL- PESTICIDE FORMULATIONS	Ethion 40% + Cypermethrin 5% EC	A.I Content Ethion	IS 10369 (Gravimetric)
18	CHEMICAL- PESTICIDE FORMULATIONS	Ethion 40% + Cypermethrin 5% EC	Acidity [As H2SO4]	IS 6940

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19	CHEMICAL- PESTICIDE FORMULATIONS	Ethion 40% + Cypermethrin 5% EC	Emulsion stability	IS 6940
20	CHEMICAL- PESTICIDE FORMULATIONS	Ethion 50% EC	A.I Content	IS 10369 (Gravimetric)
21	CHEMICAL- PESTICIDE FORMULATIONS	Ethion 50% EC	A.I Content	STP:QCD:MPP01:19
22	CHEMICAL- PESTICIDE FORMULATIONS	Ethion 50% EC	Acidity [As H2SO4]	IS 6940
23	CHEMICAL- PESTICIDE FORMULATIONS	Ethion 50% EC	Cold Test	IS 6940
24	CHEMICAL- PESTICIDE FORMULATIONS	Ethion 50% EC	Emulsion stability	IS 6940
25	CHEMICAL- PESTICIDE FORMULATIONS	Ethion 50% EC	Flash Point	IS 1448 (Part :20)
26	CHEMICAL- PESTICIDE FORMULATIONS	Ethion Technical	A.I Content	IS 10369 (Gravimetric)
27	CHEMICAL- PESTICIDE FORMULATIONS	Ethion Technical	Acidity [As H2SO4]	IS 6940
28	CHEMICAL- PESTICIDE FORMULATIONS	Ethion Technical	Moisture	IS 2362
29	CHEMICAL- PESTICIDE FORMULATIONS	Imidacloprid 17.8% SL	A.I Content	IS : 15335
30	CHEMICAL- PESTICIDE FORMULATIONS	Imidacloprid 17.8% SL	Acidity [As H2SO4]	IS 6940
31	CHEMICAL- PESTICIDE FORMULATIONS	Imidacloprid 17.8% SL	Cold test	IS 6940
32	CHEMICAL- PESTICIDE FORMULATIONS	Imidacloprid 17.8% SL	Flash Point	IS 1448 (Part :20)
33	CHEMICAL- PESTICIDE FORMULATIONS	Kitazin 48 % EC	A.I Content	IS 13790
34	CHEMICAL- PESTICIDE FORMULATIONS	Kitazin 48 % EC	Acidity [As H2SO4]	IS 6940
35	CHEMICAL- PESTICIDE FORMULATIONS	Kitazin 48 % EC	Cold Test	IS 6940
36	CHEMICAL- PESTICIDE FORMULATIONS	Kitazin 48 % EC	Emulsion stability	IS 6940
37	CHEMICAL- PESTICIDE FORMULATIONS	Kitazin 48 % EC	Flash Point	IS 1448 (Part :20)

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38	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	AI Content	STP:QCD:MPP02:13
39	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	Impurity (A-0479) Methyl N-(4-chloro-5-cyclopentyloxy-2-fluorophenyl)carbamate	STP:QCD:MPP02:12
40	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	Impurity (A-0480)- 4-chloro-5-cyclopentyloxy-2-fluoroaniline	STP:QCD:MPP02:12
41	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	Impurity (A-0505)- N-(4-chloro-5-cyclopentyloxy-2-fluorophenyl])3-methyl-2-oxobutanamide	STP:QCD:MPP02:12
42	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	Impurity (A0595)- N,N-Bis(4-Chloro-5-Cyclopentyloxy-2-Fluorophenyl) urea	STP:QCD:MPP02:12
43	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	Impurity (A-0648)- Ethyl N-(4-chloro-5-cyclopentyloxy-2-fluorophenyl) carbamate	STP:QCD:MPP02:12
44	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	Impurity (A-1347)- 3-(4-chloro-2-fluoro-5-hydroxyphenyl)-5-isopropylidene-1,3-oxazolidine-2,4-dione	STP:QCD:MPP02:12
45	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	Impurity (A-1358)- 3-(4-chloro-3-cyclopentyloxyphenyl)-5-isopropylidene-1,3-oxazolidine-2,4-dione	STP:QCD:MPP02:12
46	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	Impurity (A-1651)- 3-(5-cyclopentyloxy-2-fluorophenyl)-5-isopropylidene-1,3-oxazolidine-2,4-dione	STP:QCD:MPP02:12
47	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	Impurity(A-1721a) 3-(4-Chloro-5-cyclopentyloxy-2-fluorophenyl)-5-(3-ethoxycarbonyl-3-hydroxy-2-methyl-5-hexylidene)-1,3-oxazolidine-2,4-dione	STP:QCD:MPP02:12
48	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	Impurity(A-1721b) 3-(4-Chloro-5-cyclopentyloxy-2-fluorophenyl)-5-(3-ethoxycarbonyl-3-hydroxy-2-methyl-5-hexylidene)-1,3-oxazolidine-2,4-dione	STP:QCD:MPP02:12

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49	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	Impurity(A-2575)- 3-(4-Chloro-5-cyclopentyloxy-2-fluorophenyl)-5-[(EZ)-2-{3-(4-chloro-5-cyclopentyloxy-2-fluorophenyl)-2,4-dioxo-oxazolidine-5-yl}-2-methyl-4-pentylidine]-1,3-oxazolidine-2,4-dione	STP:QCD:MPP02:12
50	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	Loss on drying	STP:QCD:MPP02:14
51	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	Mesh Size (Sieve Test) Pass Through1 mm	STP:QCD:GEN :14
52	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	pH (5% Aq. Sol)	W:QCD:04
53	CHEMICAL- PESTICIDE FORMULATIONS	Pentoxazone Technical	Residue on Ignition	STP:QCD:MPP02:15
54	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 40 % + Cypermethrin 4% EC	Acidity [As H2SO4]	IS 6940
55	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 40 % + Cypermethrin 4% EC	AI Content Cypermethrin	IS 12016
56	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 40 % + Cypermethrin 4% EC	AI Content Profenofos	STP:QCD:MPP01:33
57	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 40 % + Cypermethrin 4% EC	Cold Test	IS 6940
58	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 40 % + Cypermethrin 4% EC	Emulsion stability	IS 6940
59	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 40 % + Cypermethrin 4% EC	Flash Point	IS 1448 (Part :20)
60	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 50 % EC	A.I Content	STP:QCD:MPP01:33
61	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 50 % EC	Acidity [As H2SO4]	IS 6940
62	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 50 % EC	Cold Test	IS 6940
63	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 50 % EC	Emulsion stability	IS 6940
64	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 50 % EC	Flash Point	IS 1448 (Part:20)
65	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 500 g per lit	A.I Content	STP:QCD : MPP 1:33

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66	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 500 g per lit	Cold Test	CIPAC MT 39.1/
67	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 500 g per lit	Emulsion stability	CIPAC MT 36.1.1 (Hand Shaking)
68	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos 500 g per lit	Flash Point	CIPAC F MT 12.2, p – 37
69	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos Technical	A.I Content	STP:QCD:MPP01:33
70	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos Technical	Acidity [As H2SO4]	IS 6940
71	CHEMICAL- PESTICIDE FORMULATIONS	Profenofos Technical	Moisture	IS 2362
72	CHEMICAL- PESTICIDE FORMULATIONS	Propargite 57% EC	A.I Content	STP:QCD : LF : 10
73	CHEMICAL- PESTICIDE FORMULATIONS	Propargite 57% EC	Acidity[As H2SO4]	IS 6940
74	CHEMICAL- PESTICIDE FORMULATIONS	Propargite 57% EC	Cold Test	IS 6940
75	CHEMICAL- PESTICIDE FORMULATIONS	Propargite 57% EC	Emulsion stability	IS 6940
76	CHEMICAL- PESTICIDE FORMULATIONS	Propargite 57% EC	Flash Point	IS 1448 (Part :20)
77	CHEMICAL- PESTICIDE FORMULATIONS	Pyroxasulfone Technical	Assay w/w	STP:QCD:MPP04:77
78	CHEMICAL- PESTICIDE FORMULATIONS	Pyroxasulfone Technical	Impurity I-3 %Area 3-{[5-(difluoromethoxy)-1-Methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methylsulfonyl}-5-[5,5-dimethyl-4,5-dihydroisoxazol-3-yl)methyl]-5-methyl-4, 5-dihydroisoxazole	STP:QCD:MPP04:77
79	CHEMICAL- PESTICIDE FORMULATIONS	Pyroxasulfone Technical	Impurity I-4 %Area 5,5'-(fluoromethylene)bis(oxy)bis[1-methyl-4-(4,5-dihydro-5,5-dimethylisoxazolylsulfonylmethyl)-3-(trifluoromethyl)-1H-pyrazole]	STP:QCD:MPP04:77

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80	CHEMICAL- PESTICIDE FORMULATIONS	Pyroxasulfone Technical	Impurity I-5 %Area 2-[3-{[5-(difluoromethoxy)-1-methyl-3-(trifluoromethyl)-1H-pyrazol-4-yl]methylsulfonyl}-5-methyl-4,5-dihydroisoxazol-5-yl]acetonitrile	STP:QCD:MPP04:77
81	CHEMICAL- PESTICIDE FORMULATIONS	Pyroxasulfone Technical	IPA Content [By Head Space]	STP:QCD:MPP04:81
82	CHEMICAL- PESTICIDE FORMULATIONS	Pyroxasulfone Technical	Moisture % by mass	STP:QCD:GEN:02
83	CHEMICAL- PESTICIDE FORMULATIONS	Pyroxasulfone Technical	Solubility [5gm in 50ml DMF]	STP:QCD:GEN:11