

EQUINOX TEST REPORT

Report Issue date: ULR-TC682024000035161F

INFORMATION PROVIDED BY CUSTOMER

Client Name : R. K. Brothers Agro Foods Pvt. Ltd Sampling Location

Address : 66/2, New Ramnad Road, Kamraj Salai, Madhurai, Tamil Nadu, India- 625009. Sampling Description

Contact Person ; Kishore Jeyachandran

PARTICULARS OF SAMPLE ANALYSED

Sampling Protocol Date of Sampling

Sample Drawn By : Client Date of Start of Analysis : 22-Apr-24 Sample Quantity & Condition : Approx 500g of sample in a client packaging is intact without any leaks or breaks. Date of End of Analysis : 26-Apr-24

RESULTS OF ANALYSIS

<u>Discipline:</u> Chemical Group: Residue and Contaminants in Food and Agriculture Products

Group:	<u>Group:</u> Residue and Contaminants in Food and Agriculture Products					
Sr. No.	Parameters	Units	Methods	Results	Limit of Quantification	
1	2,4-Dichlorophenoxy Acetic Acid	mg/kg	SOP-CHM-34-01	BLQ	0.01	
2	Acephate (expressed as mixture of Methamidophos and acephate)	mg/kg	SOP-CHM-34-01	BLQ	0.01	
3	Acetamiprid	mg/kg	SOP-CHM-34-01	BLQ	0.01	
4	Alachlor	mg/kg	SOP-CHM-34-01	BLQ	0.01	
5	Alpha cypermethrin	mg/kg	SOP-CHM-34-01	BLQ	0.01	
6	Alpha naphthyl Acetic Acid	mg/kg	SOP-CHM-34-01	BLQ	0.01	
7	Ametroctradin	mg/kg	SOP-CHM-34-01	BLQ	0.01	
8	Anilophos	mg/kg	SOP-CHM-34-01	BLQ	0.01	
9	Atrazine	mg/kg	SOP-CHM-34-01	BLQ	0.01	
10	Azimsulfuron	mg/kg	SOP-CHM-34-01	BLQ	0.01	
11	Azoxystrobin	mg/kg	SOP-CHM-34-01	BLQ	0.01	
12	Benfuracarb	mg/kg	SOP-CHM-34-01	BLQ	0.01	
	Sum of benomyl and carbendazim					
13	expressed as carbendazim	mg/kg	SOP-CHM-34-01	BLQ	0.01	
14	Bensulfuron Methy	mg/kg	SOP-CHM-34-01	BLQ	0.01	
15	Beta Cyfluthrin	mg/kg	SOP-CHM-34-01	BLQ	0.01	
16	Bifenthrin	mg/kg	SOP-CHM-34-01	BLQ	0.01	
17	Bispyribac Sodium	mg/kg	SOP-CHM-34-01	BLQ	0.01	
18	Bitertanol	mg/kg	SOP-CHM-34-01	BLQ	0.01	
19	Buprofezin	mg/kg	SOP-CHM-34-01	BLQ	0.01	
20	Butachlor	mg/kg	SOP-CHM-34-01	BLQ	0.01	
21	Captan	mg/kg	SOP-CHM-34-01	BLQ	0.01	
22	Carbaryl	mg/kg	SOP-CHM-34-01	BLQ	0.01	
23	Carbendazim	mg/kg	SOP-CHM-34-01	BLQ	0.01	
24	Carboturan (sum of carboturan and 3-hydroxy carboturan expressed as carbofuran)	mg/kg	SOP-CHM-34-01	BLQ	0.01	
25	Carbosulfan	mg/kg	SOP-CHM-34-01	BLQ	0.01	
26	Carfentrazone Ethyl	mg/kg	SOP-CHM-34-01	BLQ	0.01	
27	Carpropamid	mg/kg	SOP-CHM-34-01	BLQ	0.01	
28	Cartap Hydrochloride	mg/kg	SOP-CHM-34-01	BLQ	0.01	
29	Chlorantraniliprole	mg/kg	SOP-CHM-34-01	BLQ	0.01	
30	Chlorfenapyr	mg/kg	SOP-CHM-34-01	BLQ	0.01	
31	Chlorfluazuron	mg/kg	SOP-CHM-34-01	BLQ	0.01	
32	Chlorimuron ethyl	mg/kg	SOP-CHM-34-01	BLQ	0.01	
33	Chlormequat Chloride (CCC)	mg/kg	SOP-CHM-34-01	BLQ	0.01	
34	Chlorothalonil	mg/kg	SOP-CHM-34-01	BLQ	0.01	
35	Chlorpropham	mg/kg	SOP-CHM-34-01	BLQ	0.01	
36	Chlorpyriphos	mg/kg	SOP-CHM-34-01	BLQ	0.01	
37	Chlothianidin (Chlothianidin and its metabolites Thiazolymethylguanidine (TMG),Thiazolymethylurea (TZMU),Methylnitroguanidine (MNG)	mg/kg	SOP-CHM-34-01	BLQ	0.01	
38	Chromafenozide	mg/kg	SOP-CHM-34-01	BLQ	0.01	
39	Cinmethylene	mg/kg	SOP-CHM-34-01	BLQ	0.01	



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40	Clodinafop-propargyl	mg/kg	SOP-CHM-34-01	BLQ	0.01
41	Clomazone	mg/kg	SOP-CHM-34-01	BLQ	0.01
42	Copper Hydroxide (Copper determined as elemental copper)	mg/kg	SOP-CHM-27-01 A	11.68	0.5
43	Copper Oxychloride(Copper determined as elemental copper)	mg/kg	SOP-CHM-27-01 A	11.68	0.5
44	Copper Sulphate (Copper determined as elemental copper)	mg/kg	SOP-CHM-27-01 A	11.68	0.5
45	Cuprous Oxide (Copper determined as elemental copper)	mg/kg	SOP-CHM-27-01 A	11.68	0.5
46	Cyantranilipole	mg/kg	SOP-CHM-34-01	BLQ	0.01
47	Cyazofamid	mg/kg	SOP-CHM-34-01	BLQ	0.01
48	Cyhalofop-butyl	mg/kg	SOP-CHM-34-01	BLQ	0.01
49	Cymoxanil	mg/kg	SOP-CHM-34-01	BLQ	0.01
50	Cypermethrin	mg/kg	SOP-CHM-34-01	BLQ	0.01
51	Deltamethrin (Decamethrin)	mg/kg	SOP-CHM-34-01	BLQ	0.01
52	Diafenthiuron	mg/kg	SOP-CHM-34-01	BLQ	0.01
53	Dichlorvos (DDVP) (content of dichloroacetaldehyde (D.C.A.)	mg/kg	SOP-CHM-34-01	BLQ	0.01
54	methyl)"	mg/kg	SOP-CHM-34-01	BLQ	0.01
55	Diclosulam	mg/kg	SOP-CHM-34-01	BLQ	0.01
56	Dicofol (sum of o,p' and p,p' isomers)"	mg/kg	SOP-CHM-34-01	BLQ	0.01
57	Difenoconazole	mg/kg	SOP-CHM-34-01	BLQ	0.01
58	Diflubenzuron	mg/kg	SOP-CHM-34-01	BLQ	0.01
59	Dimethoate	mg/kg	SOP-CHM-34-01	BLQ	0.01
60	Dimethomorph	mg/kg	SOP-CHM-34-01	BLQ	0.01
61	Dinocap	mg/kg	SOP-CHM-34-01	BLQ	0.01
62	Dinotefuran	mg/kg	SOP-CHM-34-01	BLQ	0.01
63	Dithianon	mg/kg	SOP-CHM-34-01	BLQ	0.01
64	Introductarbaneascyter resolute towardice timit are determined and expressed as my(CSZMg and refer separately to the residues arising from any or each group of dithiocarbamates) (b) Ethylene bis- dithiocarbamates resulting from the use of manozoeb, maneb or zineb (including zineb derived from nabam plus zinc sulphate) (c) Manozoeb (d) Metiram as CS2	mg/kg	SOP-CHM-34-01	BLQ	0.01
65	Diuron	mg/kg	SOP-CHM-34-01	BLQ	0.01
66	Dodine	mg/kg	SOP-CHM-34-01	BLQ	0.01
67	Edifenphos	mg/kg	SOP-CHM-34-01	BLQ	0.01
68	Emamectin Benzoate	mg/kg	SOP-CHM-34-01	BLQ	0.01
69	Epoxyconazole	mg/kg	SOP-CHM-34-01	BLQ	0.01
70	Ethephon	mg/kg	SOP-CHM-34-01	BLQ	0.01
71	Ethion(Residues to be determined as ethion and its oxygen analogue and expressed as ethion)	mg/kg	SOP-CHM-34-01	BLQ	0.01
72	Ethofenprox (Etofenprox)	mg/kg	SOP-CHM-34-01	BLQ	0.01
73	Ethoxysulfuron	mg/kg	SOP-CHM-34-01	BLQ	0.01
74	Etoxazole	mg/kg	SOP-CHM-34-01	BLQ	0.01
75	Famoxadone	mg/kg	SOP-CHM-34-01	BLQ	0.01



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76	Fenamidone	mg/kg	SOP-CHM-34-01	BLQ	0.01	
77	Fenarimol	mg/kg	SOP-CHM-34-01	BLQ	0.01	
78	Fenazaquin	mg/kg	SOP-CHM-34-01	BLQ	0.01	
79	Fenobucarb (BPMC)	mg/kg	SOP-CHM-34-01	BLQ	0.01	
80	Fenoxaprop-p-ethyl	mg/kg	SOP-CHM-34-01	BLQ	0.01	
81	Fenpropathrin	mg/kg	SOP-CHM-34-01	BLQ	0.01	
82	Fenpyroximate	mg/kg	SOP-CHM-34-01	BLQ	0.01	
83	Fenvalerate	mg/kg	SOP-CHM-34-01	BLQ	0.01	
84	Fipronil	mg/kg	SOP-CHM-34-01	BLQ	0.01	
85	Flonicamid	mg/kg	SOP-CHM-34-01	BLQ	0.01	
86	Fluazifop-p-butyl	mg/kg	SOP-CHM-34-01	BLQ	0.01	
87	Flubendiamide	mg/kg	SOP-CHM-34-01	BLQ	0.01	
88	Fluchloralin	mg/kg	SOP-CHM-34-01	BLQ	0.01	
89	Flufenacet	mg/kg	SOP-CHM-34-01	BLQ	0.01	
90	Flusilazole	mg/kg	SOP-CHM-34-01	BLQ	0.01	
91	Fluvalinate	mg/kg	SOP-CHM-34-01	BLQ	0.01	
92	Forchlorfenuron	mg/kg	SOP-CHM-34-01	BLQ	0.01	
93	Fosetyl-Al	mg/kg	SOP-CHM-34-01	BLQ	0.01	
94	Glufosinate Ammonium	mg/kg	SOP-CHM-34-01	BLQ	0.01	
95	Glyphosate	mg/kg	SOP-CHM-34-01	BLQ	0.01	
96	Halosulfuron methyl	mg/kg	SOP-CHM-34-01	BLQ	0.01	
97	Hexaconazole	mg/kg	SOP-CHM-34-01	BLQ	0.01	
98	Hexazinone	mg/kg	SOP-CHM-34-01	BLQ	0.01	
99	Hexythiazox	mg/kg	SOP-CHM-34-01	BLQ	0.01	
100	Iodosulfuron Methyl Sodium	mg/kg	SOP-CHM-34-01	BLQ	0.01	
101	Imazethapyr	mg/kg	SOP-CHM-34-01	BLQ	0.01	
102	Imidacloprid	mg/kg	SOP-CHM-34-01	BLQ	0.01	
103	Indoxacarb	mg/kg	SOP-CHM-34-01	BLQ	0.01	
104	Iprobenfos (Kitazin)	mg/kg	SOP-CHM-34-01	BLQ	0.01	
105	Iprodione	mg/kg	SOP-CHM-34-01	BLQ	0.01	
106	Isoprothiolane	mg/kg	SOP-CHM-34-01	BLQ	0.01	
107	Isoproturon	mg/kg	SOP-CHM-34-01	BLQ	0.01	
108	Kasugamycin	mg/kg	SOP-CHM-34-01	BLQ	0.01	
109	Kresoxim Methyl	mg/kg	SOP-CHM-34-01	BLQ	0.01	
110	Lambda cyhalothrin	mg/kg	SOP-CHM-34-01	BLQ	0.01	
111	Linuron	mg/kg	SOP-CHM-34-01	BLQ	0.01	
112	Lufenuron	mg/kg	SOP-CHM-34-01	BLQ	0.01	
113	Malatriion (Malatriion to be determined and expressed as combined residues of malathion and malaoxon)	mg/kg	SOP-CHM-34-01	BLQ	0.01	
114	Mandipropamid	mg/kg	SOP-CHM-34-01	BLQ	0.01	
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Referen	ce Number : EQNX:001:LAB:F:24:04:04765			ULR-TC682024000035161F	
115	Mepiquat Chloride	mg/kg	SOP-CHM-34-01	BLQ	0.01
116	Mesosulfuron Methyl	mg/kg	SOP-CHM-34-01	BLQ	0.01
117	Metaflumizone	mg/kg	SOP-CHM-34-01	BLQ	0.01
118	Metalaxyl	mg/kg	SOP-CHM-34-01	BLQ	0.01
119	Metalaxyi-M	mg/kg	SOP-CHM-34-01	BLQ	0.01
120	Methabenzthiazuron	mg/kg	SOP-CHM-34-01	BLQ	0.01
121	Methomyl	mg/kg	SOP-CHM-34-01	BLQ	0.01
122	Methyl Chlorophenoxy Acetic Acid (MCPA)	mg/kg	SOP-CHM-34-01	BLQ	0.01
123	Methyl Parathion (combined residues of methyl parathion and its oxygen analogue to be determined and expressed as methyl parathion)	mg/kg	SOP-CHM-34-01	BLQ	0.01
124	Metolachlor	mg/kg	SOP-CHM-34-01	BLQ	0.01
125	Metribuzin	mg/kg	SOP-CHM-34-01	BLQ	0.01
126	Metsulfuron Methyl	mg/kg	SOP-CHM-34-01	BLQ	0.01
127	Monocrotophos	mg/kg	SOP-CHM-34-01	BLQ	0.01
128	Myclobutanil	mg/kg	SOP-CHM-34-01	BLQ	0.01
129	Novaluron	mg/kg	SOP-CHM-34-01	BLQ	0.01
130	Orthosulfamuron	mg/kg	SOP-CHM-34-01	BLQ	0.01
131	Oxadiargy	mg/kg	SOP-CHM-34-01	BLQ	0.01
131	Oxadiazon		SOP-CHM-34-01 SOP-CHM-34-01	BLQ	0.01
		mg/kg			
133	Oxydemeton-Methyl	mg/kg	SOP-CHM-34-01	BLQ	0.01
134	Oxyfluorfen	mg/kg	SOP-CHM-34-01	BLQ	0.01
135	Paclobutrazol Paraquat dichloride (Determined as Paraquatcations)	mg/kg	SOP-CHM-34-01	BLQ	0.01
136		mg/kg	SOP-CHM-34-01	BLQ	0.01
137	Penconazole	mg/kg	SOP-CHM-34-01	BLQ	0.01
138	Pencycuron	mg/kg	SOP-CHM-34-01	BLQ	0.01
139	Pendimethalin	mg/kg	SOP-CHM-34-01	BLQ	0.01
140	Penoxuslum	mg/kg	SOP-CHM-34-01	BLQ	0.01
141	Permethrin	mg/kg	SOP-CHM-34-01	BLQ	0.01
142	Phenthoate	mg/kg	SOP-CHM-34-01	BLQ	0.01
143	Phorate (sum of Phorate, its oxygen analogue and their sulphoxides and sulphones, expressed as phorate)	mg/kg	SOP-CHM-34-01	BLQ	0.01
144	Phosalone	mg/kg	SOP-CHM-34-01	BLQ	0.01
145	Picoxystrobin	mg/kg	SOP-CHM-34-01	BLQ	0.01
146	Pinoxaden	mg/kg	SOP-CHM-34-01	BLQ	0.01
147	Pretilachlor	mg/kg	SOP-CHM-34-01	BLQ	0.01
148	Pirimiphos-methyl	mg/kg	SOP-CHM-34-01	BLQ	0.01
149	Profenofos	mg/kg	SOP-CHM-34-01	BLQ	0.01
150	Prohexadione calcium	mg/kg	SOP-CHM-34-01	BLQ	0.01
151	Propaquizafop	mg/kg	SOP-CHM-34-01	BLQ	0.01
152	Propargite	mg/kg	SOP-CHM-34-01	BLQ	0.01
153	Propiconazole	mg/kg	SOP-CHM-34-01	BLQ	0.01
154	Propineb	mg/kg	SOP-CHM-34-01	BLQ	0.01
155	Pyraclostrobin	mg/kg	SOP-CHM-34-01	BLQ	0.01
156	Pyrazosulfuron ethyl	mg/kg	SOP-CHM-34-01	BLQ	0.01
157	Pyridalyl	mg/kg	SOP-CHM-34-01	BLQ	0.01
158	Pyriproxyfen	mg/kg	SOP-CHM-34-01	BLQ	0.01
159	Pymetrozine	mg/kg	SOP-CHM-34-01	BLQ	0.01
160	Quinalphos	mg/kg	SOP-CHM-34-01	BLQ	0.01
161	Quizalofop ethyl	mg/kg	SOP-CHM-34-01	BLQ	0.01
162	Quizalofop-P-tefuryl	mg/kg	SOP-CHM-34-01	BLQ	0.01
163	Sodium Aceflourofen		SOP-CHM-34-01	BLQ	0.01
	Spinosad	mg/kg		BLQ	
164	ohiiosan	mg/kg	SOP-CHM-34-01	BLQ	0.01



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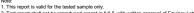
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165	Spiromesifen	mg/kg	SOP-CHM-34-01	BLQ	0.01
166	Sulfosulfuron	mg/kg	SOP-CHM-34-01	BLQ	0.01
167	Tebuconazole	mg/kg	SOP-CHM-34-01	BLQ	0.01
168	Thiacloprid	mg/kg	SOP-CHM-34-01	BLQ	0.01
169	Thifluzamide	mg/kg	SOP-CHM-34-01	BLQ	0.01
170	Thiodicarb	mg/kg	SOP-CHM-34-01	BLQ	0.01
171	Thiamethoxam	mg/kg	SOP-CHM-34-01	BLQ	0.01
172	Thiometon(Residues determined as thiometon its sulfoxide and sulphone expressed as thiometon)	mg/kg	SOP-CHM-34-01	BLQ	0.01
173	Thiophanate-Methyl	mg/kg	SOP-CHM-34-01	BLQ	0.01
174	Tolfenpyrad	mg/kg	SOP-CHM-34-01	BLQ	0.01
175	Trichlorfon	mg/kg	SOP-CHM-34-01	BLQ	0.01
176	Triacontanol	mg/kg	SOP-CHM-34-01	BLQ	0.01
177	Triadimefon	mg/kg	SOP-CHM-34-01	BLQ	0.01
178	Trifloxystrobin	mg/kg	SOP-CHM-34-01	BLQ	0.01
179	Triallate	mg/kg	SOP-CHM-34-01	BLQ	0.01
180	Triasulfuron	mg/kg	SOP-CHM-34-01	BLQ	0.01
181	Triazophos	mg/kg	SOP-CHM-34-01	BLQ	0.01
182	Tricyclazole	mg/kg	SOP-CHM-34-01	BLQ	0.01
183	Tridemorph	mg/kg	SOP-CHM-34-01	BLQ	0.01
184	Trifluralin	mg/kg	SOP-CHM-34-01	BLQ	0.01
185	Validamycin	mg/kg	SOP-CHM-34-01	BLQ	0.01
186	Fluopicolide	mg/kg	SOP-CHM-34-01	BLQ	0.01
187	Tembotrione		SOP-CHM-34-01	BLQ	0.01
188	Propanil	mg/kg			0.01
	·	mg/kg	SOP-CHM-34-01	BLQ	
189	Fluopyram and its metabolites	mg/kg	SOP-CHM-34-01	BLQ	0.01
190	Topramezone	mg/kg	SOP-CHM-34-01	BLQ	0.01
191	Thiocyclam Hydrogen Oxalate	mg/kg	SOP-CHM-34-01	BLQ	0.01
192	2,4-D Amine Salt	mg/kg	SOP-CHM-34-01	BLQ	0.01
193	Ametyrn	mg/kg	SOP-CHM-34-01	BLQ	0.01
194	Fomesafen	mg/kg	SOP-CHM-34-01	BLQ	0.01
195	Imazamox	mg/kg	SOP-CHM-34-01	BLQ	0.01
196	Spinetoram and its metabolites (Spinosyn-J and Spinosyn-L)	mg/kg	SOP-CHM-34-01	BLQ	0.01
197	Sodium Para Nitro Phenolate	mg/kg	SOP-CHM-34-01	BLQ	0.01
198	Bentazone	mg/kg	SOP-CHM-34-01	BLQ	0.01
199	Cyflumetofen	mg/kg	SOP-CHM-34-01	BLQ	0.01
200	Boscalid	mg/kg	SOP-CHM-34-01	BLQ	0.01
201	Flucetosulfuron	mg/kg	SOP-CHM-34-01	BLQ	0.01
202	Haloxyfop-R Methyl	mg/kg	SOP-CHM-34-01	BLQ	0.01
203	Sulfentrazone and its metabolite Desmethylsulfentrazone and 3- Hydroxymethylsulfentrazone	mg/kg	SOP-CHM-34-01	BLQ	0.01
204	Spirotetramat	mg/kg	SOP-CHM-34-01	BLQ	0.01
205	Metrafenone	mg/kg	SOP-CHM-34-01	BLQ	0.01
206	Fluxapyroxad	mg/kg	SOP-CHM-34-01	BLQ	0.01
207	Tetraconazole	mg/kg	SOP-CHM-34-01	BLQ	0.01
208	Abamectin	mg/kg	SOP-CHM-34-01	BLQ	0.01
209	Flupyradifurone and its metabolites Difluroacetic Acid and Difluroethylamino-furanone	mg/kg	SOP-CHM-34-01	BLQ	0.01
210	Sulfoxaflor	mg/kg	SOP-CHM-34-01	BLQ	0.01

* BLQ: Below Limit Quantification.



Note:

1. This report is valid for the tested sample only.

2. Test report shall not be reproduced except in full & with written approval of Equinox Labs Private Limited.

3. The report shall not be used for advertisement / judicial purpose.

4. The samples has been provided by the customer and results applied to the sample as received by the lab.

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****END OF REPORT****

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