



TEST REPORT

Report No. 2024-25-01

Report Date: 10.04.2024

Authority (Customer) Name, Designation & Address of Sender	Aussan Laboratories India Pvt. Ltd. Office No. 501, 5 th Floor, Building : Palash Nine, Behind Mitcon School, Baner, Pune-411045, Maharashtra, India
Customer Ref. No.	CropBioLife
Other Information	NA

Sample Details

Sample Name	CropBioLife	Laboratory Code:	NRL/2024/04/239		
Customer Sample ID: Crop BioLife	Other Details	NA			
Batch No.	20052023	Date of Mfg.	20/05/2023	Date of Expiry	20/05/2028
Quantity	100 mL	Packing Details	NA		
Conditions of the seal on the Package, state whether					
a) Sample was properly sealed and fastened		Yes			
b) The seal was intact and unbroken		Yes			
c) The seal fixed on the container and outer cover of the sample tallied with specimen impression of the seal separately sent by the Insecticide Inspector and		NA			
d) Sample was in a condition fit for analysis		Yes			
Sample received on Date: 10.04.2024			Date(s) of Analysis: 10.04.2024		
Method of analysis	LC-MS/MS, GC-MS/MS				
Description (Physical Appearance)	Viscous dark brown liquid				

Quantitative analysis:

Sr. No.	Name of Chemicals/Pesticides detected	Result (mg/kg)	Equipment/ Technique used
1.	1-Naphthylacetamide and 1-naphthylacetic acid (sum of 1-naphthylacetamide and 1-naphthylacetic acid and its salts, expressed as 1-naphthylacetic acid)	ND	LC-MS/MS
2.	2,4-D (sum of 2,4-D and its esters and its conjugates, expressed as 2,4-D)	ND	LC-MS/MS

3.	4-Bromo-2-chlorophenol (metabolite of Profenophos)	ND	GC-MS/MS
4.	4-Chloro-3-methylphenol	ND	GC-MS/MS
5.	4-CPA (4-Chlorophenoxy acetic acid)	ND	LC-MS/MS
6.	6-Benzyl adenine	ND	LC-MS/MS
7.	Abamectin (sum of avermectin B1a, avermectin B1b and delta-8,9 isomer of avermectin B1a)	ND	LC-MS/MS
8.	Acephate	ND	LC-MS/MS
9.	Acetamiprid (R)	ND	LC-MS/MS
10.	Afidopyropen	ND	LC-MS/MS
11.	Alachlor	ND	LC-MS/MS
12.	Aldrin (Aldrin and dieldrin combined expressed as dieldrin)	ND	GC-MS/MS
13.	Allethrin and Bioallethrin	ND	GC-MS/MS
14.	Ametoctradin	ND	LC-MS/MS
15.	Ametryn	ND	LC-MS/MS
16.	Amisulbrom	ND	LC-MS/MS
17.	Anilofos	ND	LC-MS/MS
18.	Atrazine	ND	LC-MS/MS
19.	Azadirachtin	ND	LC-MS/MS
20.	Azimsulfuron	ND	LC-MS/MS
21.	Azoxystrobin	ND	LC-MS/MS
22.	Benalaxyl including other mixtures of constituent isomers including Benalaxyl-M (sum of isomers)	ND	LC-MS/MS
23.	Bendiocarb	ND	GC-MS/MS
24.	Benomyl (see carbendazim)	ND	LC-MS/MS
25.	Bensulfuron-methyl	ND	LC-MS/MS
26.	Bifenazate (sum of bifenazate plus bifenazate-diazene expressed as bifenazate) (F)	ND	LC-MS/MS
27.	Bifenthrin (sum of isomers) (F)	ND	GC-MS/MS
28.	Bispyribac (sum of bispyribac, its salts and its esters, expressed as bispyribac)	ND	LC-MS/MS
29.	Bitertanol (sum of isomers) (F)	ND	LC-MS/MS
30.	Boscalid (F) (R) (A)	ND	LC-MS/MS
31.	Broflanilide	ND	LC-MS/MS
32.	Bupirimate	ND	LC-MS/MS
33.	Buprofezin (F)	ND	LC-MS/MS
34.	Butachlor	ND	LC-MS/MS
35.	Captafol	ND	GC-MS/MS
36.	Captan (Sum of captan and tetrahydrophthalimide (THPI), expressed as captan) (R) (A)	ND	GC-MS/MS
37.	Carbaryl (F)	ND	LC-MS/MS
38.	Carbendazim and benomyl (sum of benomyl and carbendazim expressed as carbendazim) (R)	ND	LC-MS/MS

39.	Carbofuran (sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carbofuran) (R)	ND	LC-MS/MS
40.	Carboxin (carboxin plus its metabolites carboxin sulfoxide and oxycarboxin (carboxin sulfone), expressed as carboxin)	ND	LC-MS/MS
41.	Carfentrazone-ethyl (determined as carfentrazone and expressed as carfentrazone-ethyl)	ND	LC-MS/MS
42.	Carpropamid	ND	LC-MS/MS
43.	Cartap hydrochloride	ND	LC-MS/MS
44.	Chlorantraniliprole	ND	LC-MS/MS
45.	Chlordane (cis & trans)	ND	GC-MS/MS
46.	Chlorfenapyr	ND	GC-MS/MS
47.	Chlorfenvinphos	ND	GC-MS/MS
48.	Chlorfluazuron	ND	LC-MS/MS
49.	Chlorimuron-ethyl	ND	LC-MS/MS
50.	Chlormequat (CCC) (sum of chlormequat and its salts, expressed as chlormequat-chloride)	ND	LC-MS/MS
51.	Chlorothalonil	ND	GC-MS/MS
52.	Chlorpropham	ND	LC-MS/MS
53.	Chlorpyrifos	ND	GC-MS/MS
54.	Chlorpyrifos-methyl	ND	GC-MS/MS
55.	Chromafenozide	ND	LC-MS/MS
56.	Cinmethylen	ND	LC-MS/MS
57.	Clethodim (sum of Sethoxydim and Clethodim including degradation products calculated as Sethoxydim)	ND	LC-MS/MS
58.	Clofentezine (R)	ND	LC-MS/MS
59.	Clomazone	ND	LC-MS/MS
60.	Clothianidin	ND	LC-MS/MS
61.	Coumachlor	ND	LC-MS/MS
62.	Coumatetralyl	ND	LC-MS/MS
63.	Cyantraniliprole	ND	LC-MS/MS
64.	Cyazofamid	ND	LC-MS/MS
65.	Cyenopyrofen	ND	LC-MS/MS
66.	Cyflufenamid (sum of cyflufenamid (Z-isomer) and its E-isomer, expressed as cyflufenamid) (A) (R)	ND	LC-MS/MS
67.	Cyflumetofen	ND	LC-MS/MS
68.	Cyfluthrin (including other mixtures of constituent isomers sum of isomers)	ND	GC-MS/MS
69.	Cyhalofop-butyl	ND	LC-MS/MS
70.	Cymoxanil	ND	LC-MS/MS
71.	Cypermethrin (including other mixtures of constituent isomers, sum of isomers)	ND	GC-MS/MS
72.	Cyproconazole	ND	LC-MS/MS
73.	Cyprodinil (R) (F)	ND	GC-MS/MS

74.	Dazomet (Methylisothiocyanate resulting from the use of Dazomet and metam)	ND	LC-MS/MS
75.	DDT (all isomers, sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) expressed as DDT)	ND	GC-MS/MS
76.	Deltamethrin (cis-deltamethrin) (F)	ND	GC-MS/MS
77.	Diafenthiuron	ND	LC-MS/MS
78.	Diazinon	ND	LC-MS/MS
79.	Dichlorvos	ND	LC-MS/MS
80.	Sum of diclofop-methyl, diclofop acid and its salts, expressed as diclofop-methyl (sum of isomers)	ND	LC-MS/MS
81.	Diclosulam	ND	LC-MS/MS
82.	Dicofol (sum of p,p' and o,p' isomers)	ND	GC-MS/MS
83.	Dieldrin (see Aldrin)	ND	GC-MS/MS
84.	Difenoconazole	ND	LC-MS/MS
85.	Diflubenzuron	ND	LC-MS/MS
86.	Dimethoate	ND	LC-MS/MS
87.	Dimethomorph (sum of isomers)	ND	LC-MS/MS
88.	Dinocap (sum of dinocap isomers and their corresponding phenols expressed as dinocap) (Where only meptyldinocap or its corresponding phenol are detected but none of the other components constituting dinocap (including their corresponding phenols), the MRLs and residue definition of meptyldinocap are to be applied.) (F)	ND	LC-MS/MS
89.	Dinotefuran	ND	LC-MS/MS
90.	Diquat	ND	LC-MS/MS
91.	Dithianon	ND	LC-MS/MS
92.	Dithiocarbamates (dithiocarbamates expressed as CS ₂ , including maneb, mancozeb, metiram, thiram and ziram)	ND	GC-MS/MS
93.	Diuron	ND	LC-MS/MS
94.	Dodine	ND	LC-MS/MS
95.	Edifenphos	ND	LC-MS/MS
96.	Emamectin benzoate B 1a, expressed as emamectin	ND	LC-MS/MS
97.	Endosulphan (All isomers, sum of <i>alpha</i> - and <i>beta</i> -isomers and endosulphan sulphate expressed as endosulphan)	ND	GC-MS/MS
98.	Endrin	ND	GC-MS/MS
99.	Epoxiconazole	ND	LC-MS/MS
100.	Ethephon	ND	LC-MS/MS
101.	Ethion	ND	LC-MS/MS
102.	Ethiprole	ND	LC-MS/MS
103.	Ethofenprox (Etofenprox)	ND	GC-MS/MS
104.	Ethoxysulfuron	ND	LC-MS/MS
105.	Etoxazole	ND	LC-MS/MS

106.	Etrimfos	ND	LC-MS/MS
107.	Famoxadone	ND	LC-MS/MS
108.	Fenamidone	ND	LC-MS/MS
109.	Fenarimol	ND	LC-MS/MS
110.	Fenazaquin	ND	LC-MS/MS
111.	Fenhexamid (F)	ND	LC-MS/MS
112.	Fenitrothion	ND	GC-MS/MS
113.	Fenobucarb	ND	LC-MS/MS
114.	Fenoxaprop-p	ND	LC-MS/MS
115.	Fenpropathrin	ND	GC-MS/MS
116.	Fenpyroximate (A) (F) (R)	ND	LC-MS/MS
117.	Fenthion (fenthion and its oxygen analogue, their sulfoxides and sulfone expressed as parent)	ND	LC-MS/MS
118.	Fenvalerate (any ratio of constituent isomers (RR, SS, RS & SR) including esfenvalerate) (F) (R)	ND	GC-MS/MS
119.	Fipronil (sum of fipronil + sulfone metabolite (MB46136) expressed as fipronil)	ND	LC-MS/MS
120.	Flonicamid (sum of flonicamid, TNFG and TNFA expressed as flonicamid) (R)	ND	LC-MS/MS
121.	Fluazifop-P (sum of all the constituent isomers of fluazifop, its esters and its conjugates, expressed as fluazifop)	ND	LC-MS/MS
122.	Flubendiamide	ND	LC-MS/MS
123.	Flucetosulfuron	ND	LC-MS/MS
124.	Fluchloralin	ND	
125.	Fluensulfone	ND	LC-MS/MS
126.	Flufenacet (sum of all compounds containing the N fluorophenyl-N-isopropyl moiety expressed as flufenacet equivalent)	ND	LC-MS/MS
127.	Flufenoxuron	ND	LC-MS/MS
128.	Flufenzin	ND	LC-MS/MS
129.	Flumioxazine	ND	GC-MS/MS
130.	Fluopicolide	ND	LC-MS/MS
131.	Fluopyram	ND	LC-MS/MS
132.	Flupyradifurone	ND	LC-MS/MS
133.	Flusilazole	ND	LC-MS/MS
134.	Fluthiacet-methyl	ND	LC-MS/MS
135.	Fluxapyroxad	ND	LC-MS/MS
136.	Fomesafen	ND	LC-MS/MS
137.	Forchlorfenuron (CPPU)	ND	LC-MS/MS
138.	Fosetyl-Al (sum fosetyl + phosphorous acid and their salts, expressed as fosetyl)	ND	LC-MS/MS
139.	Glufosinate-ammonium (sum of glufosinate, its salts, MPP and NAG expressed as glufosinate equivalents)	ND	LC-MS/MS
140.	Glyphosate	ND	LC-MS/MS
141.	Halosulfuron methyl	ND	LC-MS/MS

142.	Haloxypop (Sum of haloxypop, its esters, salts and conjugates expressed as haloxypop (sum of 0.01 the R- and S- isomers at any ratio)) (F) (R)	ND	LC-MS/MS
143.	Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	ND	GC-MS/MS
144.	Hexachlorocyclohexane (HCH), alpha-isomer (F)	ND	GC-MS/MS
145.	Hexachlorocyclohexane (HCH), beta-isomer (F)	ND	GC-MS/MS
146.	Hexaconazole	ND	LC-MS/MS
147.	Hexazinone	ND	LC-MS/MS
148.	Hexythiazox	ND	LC-MS/MS
149.	Homobrassinolide	ND	LC-MS/MS
150.	Imazamox (Sum of imazamox and its salts, expressed as imazamox)	ND	LC-MS/MS
151.	Imazethapyr	ND	LC-MS/MS
152.	Imidacloprid	ND	LC-MS/MS
153.	Indaziflam	ND	LC-MS/MS
154.	Indoxacarb (sum of indoxacarb and its R enantiomer) (F)	ND	LC-MS/MS
155.	Iodosulfuron-methyl (sum of iodosulfuron-methyl and its salts, expressed as iodosulfuron-methyl)	ND	LC-MS/MS
156.	Iprobenphos	ND	LC-MS/MS
157.	Iprodione	ND	
158.	Iprovalicarb	ND	LC-MS/MS
159.	Isoprothiolane	ND	LC-MS/MS
160.	Isoproturon	ND	LC-MS/MS
161.	Ivermectin	ND	LC-MS/MS
162.	Karanjin	ND	LC-MS/MS
163.	Kasugamycin	ND	LC-MS/MS
164.	Kresoxim methyl	ND	LC-MS/MS
165.	Lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers) (F)	ND	GC-MS/MS
166.	Lindane (Gamma-isomer of hexachlorocyclohexane (HCH)) (F)	ND	GC-MS/MS
167.	Linuron	ND	LC-MS/MS
168.	Lufenuron (any ratio of constituent isomers) (F)	ND	LC-MS/MS
169.	Malathion (sum of malathion and malaoxon expressed as malathion)	ND	LC-MS/MS
170.	Mandipropamid (any ratio of constituent isomers)	ND	LC-MS/MS
171.	Matrine & Oxymatrine	ND	LC-MS/MS
172.	Mepiquat (sum of mepiquat and its salts, expressed as mepiquat chloride)	ND	LC-MS/MS
173.	Meptyldinocap (sum of 2,4-DNOPC and 2,4-DNOP expressed as meptyldinocap)	ND	LC-MS/MS
174.	Metaflumizone (sum of E- and Z- isomers)	ND	LC-MS/MS

175.	Metalaxyl and Metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers))	ND	LC-MS/MS
176.	Metamifop	ND	LC-MS/MS
177.	Metamitron	ND	LC-MS/MS
178.	Methabenzthiazuron	ND	LC-MS/MS
179.	Methamidophos	ND	LC-MS/MS
180.	Methomyl	ND	LC-MS/MS
181.	Methoxyfenozide	ND	LC-MS/MS
182.	Metolachlor and S-Metolachlor (metolachlor including other mixtures of constituent isomers including S-metolachlor (sum of isomers))	ND	LC-MS/MS
183.	Metrafenone	ND	LC-MS/MS
184.	Metribuzin	ND	LC-MS/MS
185.	Milbemectin (sum of milbemycin A4 and milbemycin A3, expressed as milbemectin)	ND	LC-MS/MS
186.	Monocrotophos	ND	LC-MS/MS
187.	Myclobutanil (sum of constituent isomers) (R)	ND	LC-MS/MS
188.	Nereistoxin	ND	LC-MS/MS
189.	Nitenpyram	ND	LC-MS/MS
190.	Novaluron	ND	LC-MS/MS
191.	Omethoate	ND	LC-MS/MS
192.	Orthosulfamuron	ND	LC-MS/MS
193.	Oxadiargyl	ND	LC-MS/MS
194.	Oxadiazon	ND	LC-MS/MS
195.	Oxathiapiprolin	ND	LC-MS/MS
196.	Oxycarboxin	ND	LC-MS/MS
197.	Oxydemeton- methyl (sum of oxydemeton methyl and demeton-S-methylsulfone expressed as oxydemeton-methyl)	ND	LC-MS/MS
198.	Oxyfluorfen	ND	GC-MS/MS
199.	Paclobutrazol (sum of constituent isomers)	ND	LC-MS/MS
200.	Paraquat	ND	LC-MS/MS
201.	Parathion - methyl (sum of Parathion-methyl and paraoxon- methyl expressed as Parathion - methyl)	ND	GC-MS/MS
202.	Parathion ethyl	ND	GC-MS/MS
203.	Penconazole	ND	LC-MS/MS
204.	Pencycuron	ND	LC-MS/MS
205.	Pendimethalin	ND	LC-MS/MS
206.	Penoxsulam	ND	LC-MS/MS
207.	Permethrin (sum of isomers)	ND	GC-MS/MS
208.	Phenthoate	ND	LC-MS/MS
209.	Phorate (sum of phorate, its oxygen analogue and their sulfones expressed as phorate)	ND	LC-MS/MS
210.	Phosalone	ND	LC-MS/MS
211.	Phosmet	ND	GC-MS/MS
212.	Phosphamidon	ND	LC-MS/MS
213.	Picoxystrobin	ND	LC-MS/MS

214.	Pinoxaden(Sum of M4 and M6 (both free and conjugated), expressed as pinoxaden (R),(A))	ND	LC-MS/MS
215.	Pirimiphos-methyl	ND	LC-MS/MS
216.	Polyoxin D zinc salt	ND	LC-MS/MS
217.	Pretilachlor	ND	LC-MS/MS
218.	Profenophos	ND	LC-MS/MS
219.	Propamocarb (sum of propamocarb and its salt expressed as propamocarb)	ND	LC-MS/MS
220.	Propanil	ND	GC-MS/MS
221.	Propargite	ND	LC-MS/MS
222.	Propetamphos	ND	GC-MS/MS
223.	Propiconazole (sum of isomers) (F)	ND	LC-MS/MS
224.	Propineb	ND	GC-MS/MS
225.	Propoxur	ND	LC-MS/MS
226.	Pymetrozine	ND	LC-MS/MS
227.	Pyraclostrobin	ND	LC-MS/MS
228.	Pyrazosulfuron-ethyl	ND	LC-MS/MS
229.	Pyridaben	ND	LC-MS/MS
230.	Pyridalyl	ND	LC-MS/MS
231.	Pyriproxyfen	ND	GC-MS/MS
232.	Pyriothiobac-sodium	ND	LC-MS/MS
233.	Pyroxasulfone	ND	LC-MS/MS
234.	Quinalphos	ND	LC-MS/MS
235.	Simazine	ND	LC-MS/MS
236.	Spinetoram	ND	LC-MS/MS
237.	Spinosad (sum of Spinosyn A+D)	ND	LC-MS/MS
238.	Spirodiclofen	ND	LC-MS/MS
239.	Spiromesifen	ND	LC-MS/MS
240.	Spirotetramat and spirotetramat-enol (sum of), expressed as spirotetramat (R)	ND	LC-MS/MS
241.	Sulfentrazone	ND	LC-MS/MS
242.	Sulfosulfuron	ND	LC-MS/MS
243.	Sulfoxaflor (sum of isomers)	ND	LC-MS/MS
244.	<i>tau</i> -Fluvalinate	ND	GC-MS/MS
245.	Tebuconazole	ND	LC-MS/MS
246.	Tembotrione (Sum of parent tembotrione (AE 0172747) and its metabolite M5 (4,6-dihydroxy tembotrione), expressed as tembotrione) (R)	ND	LC-MS/MS
247.	Temephos	ND	LC-MS/MS
248.	Tetraconazole	ND	GC-MS/MS
249.	Thiabendazole	ND	LC-MS/MS
250.	Thiacloprid	ND	LC-MS/MS
251.	Thiamethoxam	ND	LC-MS/MS
252.	Thifluzamide	ND	LC-MS/MS
253.	Thiobencarb (4-chlorobenzyl methyl sulfone) (A)	ND	LC-MS/MS
254.	Thiocyclam	ND	LC-MS/MS
255.	Thiodicarb	ND	LC-MS/MS

256.	Thiometon	ND	LC-MS/MS
257.	Thiophanate-methyl	ND	LC-MS/MS
258.	Tolfenpyrad	ND	LC-MS/MS
259.	Topramezone	ND	LC-MS/MS
260.	Transfluthrin	ND	GC-MS/MS
261.	Triadimefon	ND	LC-MS/MS
262.	Triadimenol (any ratio of constituent isomers)	ND	LC-MS/MS
263.	Triafamone	ND	LC-MS/MS
264.	Tri-allate	ND	LC-MS/MS
265.	Triasulfuron	ND	LC-MS/MS
266.	Triazophos	ND	LC-MS/MS
267.	Trichlorfon	ND	LC-MS/MS
268.	Tricyclazole	ND	LC-MS/MS
269.	Tridemorph	ND	LC-MS/MS
270.	Trifloxystrobin	ND	LC-MS/MS
271.	Triflumezopyrim	ND	LC-MS/MS
272.	Trifluralin	ND	GC-MS/MS
273.	Uracil	ND	LC-MS/MS

*ND: Not Detected

LC-MS/MS: Liquid Chromatography

GC-MS/MS: Gas Chromatography

W Baneerji

Authorized Signatory

