

TEST CERTIFICATE

FORM VII A

Report of the Food Analyst

[See rule 2.4.2(5) and 2.4.4 (6)]

Report No. : 95-131224-11

Certified that I **Vinay Prakash**, duly appointed under the provision of Food Safety and Standards Act, 2006 (34 of 2006), for AES Laboratories Private Limited, Noida received from **Common Service Centers (CSC)**, a sample of **Black Pepper**, bearing Code number & Serial No. **ueK3e7** of Designated Officer of **Raibareli, Uttar Pradesh** on **13/12/2024** for analysis.

The condition of seals on the container and the outer covering on receipt was satisfactory.

I found the sample to be of **Salt, Spices, Condiments And Related Products**, falling under Regulation No. **2.9.15** of Food Safety and Standards (Food Products and Food additives) Regulations, 2011.

The sample was in a condition fit for analysis and has been analysed on **13/12/2024** to **27/12/2024** and the result of its analysis is given below.

Analysis Report

Sample Description:	Black Pepper, Packaging: Loose, Packaging Type: Sealed Poly Pack, Date of Manufacturing: N/A, Date of Expiry: N/A, Brand Name: N/A, Batch/Lot No.: N/A, Manuf. Name & Add.: N/A, Qty.: 400gm
Physical Appearance:	Black colored sample.
Sample Code:	ueK3e7

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Quality characteristics	Nature of method of test used	Results	Units	Prescribed standards as per provisions of the Act, and the rules and regulations made thereunder
Adulterants				
1 Added Colouring matter	AES/FOD/SOP 13.0	Absent	-	Absent
Quality Parameters				
2 Bulk Density	FSSAI 10.018: 2021	487.8	gm/l	Min 400
3 Diameter	AES/FOD/SOP 13.0	4.54	mm	Min 2.0
4 Extraneous veg. matter (as Foreign matter)	AES/FOD/SOP 13.0	BLQ (<0.01)	% by wt.	Absent
5 Insect defilled berries/corns	AES/FOD/SOP 13.0	BLQ (<0.01)	% by wt.	Max 2.0
6 Light Berries	AES/FOD/SOP 13.0	BLQ (<0.01)	% by wt.	Max 10.0
7 Mouldy berries	AES/FOD/SOP 13.0	BLQ (<0.01)	% by wt.	Max 3.0
8 Peperine Content	FSSAI 10.020: 2021	4.8	% by wt.	Min 2.0
9 Pinheads or broken berries	AES/FOD/SOP 13.0	BLQ (<0.01)	% by wt.	Max 4.0
10 Volatile Oil (On dry basis)	FSSAI 10.013 : 2021	3.92	% by wt.	Min 1.0
11 Free from dirt	AES/FOD/SOP 13.0	Free	-	Free
12 Other Harmful Substance	AES/FOD/SOP 13.0	Absent	-	Absent
13 Moisture	FSSAI 10.003 : 2021	8.49	% by wt.	Max 13.0
14 Acid insoluble ash	FSSAI 10.007 : 2021	1.02	% by wt.	Max 1.5
15 Total Ash (on dry basis)	FSSAI 10.006 : 2021	5.57	% by wt.	Max 7.0
Crop Contaminants				
16 Total Aflatoxin	AES/RES/SOP 30.0	BLQ (<1.0)	µg/kg	Max 30.0
17 Aflatoxin B1	AES/RES/SOP 30.0	BLQ (<1.0)	µg/kg	Max 15.0
Metal Contaminants				
18 Mercury (as Hg)	AES/RES/SOP 15.0	BLQ (<0.05)	mg/kg	Max 1.0
19 Arsenic (as As)	AES/RES/SOP 15.0	BLQ (<0.05)	mg/kg	Max 5.0
20 Cadmium (as Cd)	AES/RES/SOP 15.0	BLQ (<0.05)	mg/kg	Max 1.5
21 Copper (as Cu)	AES/RES/SOP 15.0	14.66	mg/kg	Max 30.0
22 Lead as Pb	AES/RES/SOP 15.0	BLQ (<0.25)	mg/kg	Max 10.0 (on dry matter basis)
23 Mercury (as Hg)	AES/RES/SOP 15.0	BLQ (<0.05)	mg/kg	Max 1.0

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24 Tin (as Sn)	AES/RES/SOP 15.0	BLQ (<0.25)	mg/kg	Max 250
Microbiological Analysis				
25 Bacillus cereus	IS 5887: (Pt-6):2012	<10	cfu/gm	Max 1000
26 Enterobacteriaceae	ISO 21528 (Pt-2):2017	<10	cfu/gm	Max 100
27 Salmonella	IS 5887: (Pt-3 Sec-1):2020	Absent	per 25 gm	Absent
28 Staphylococcus aureus	IS 5887: (Pt-2):1976	Absent	per gm	Max 100
29 Sulphite reducing clostridia	ISO 15213-1:2023	<10	cfu/gm	Max 100
30 Total bacteria count	IS 5402: (Pt-1):2021	4600	cfu/gm	Max 1000000
31 Yeast & Mould	IS 5403: 1999	<10	cfu/gm	Max 10000
Pesticide Residues				
32 Metiram, as CS2	AES/RES/SOP 6.0	BLQ (<0.01)	mg/kg	Max 0.01
33 Zineb as CS2	AES/RES/SOP 6.0	BLQ (<0.010)	mg/kg	Max 0.01
34 Fosetyl-Al	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
35 Buprofezin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
36 Fenpropatrin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
37 Epoxyconazole	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
38 Oxadiargyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
39 Trifloxystrobin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
40 Iprodione	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
41 Phenthaoate	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
42 Dichlorvos (DDVP) (content of di-chloroacetaldehyde (D.C.A) be reported where Possible)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
43 Cuprous Oxide (Copper determined as elemental copper)	AES/RES/SOP 15.0	14.66	mg/kg	Max 30.0
44 Oxyfluorfen	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
45 Mancozeb as CS2	AES/RES/SOP 6.0	BLQ (<0.01)	mg/kg	Max 2.0
46 Acetamiprid	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 20.0
47 Alpha naphthyl Acetic Acid	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 2.0
48 Azoxystrobin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
49 Carbaryl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 50.0
50 Carbosulfan	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 20.0
51 Chlorantraniliprole	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 6.0
52 Chlорfenapyr	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.5
53 Cyantranilipole	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 5.0
54 Deltamethrin (Decamethrin)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.5
55 Diacetone	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.5
56 Dicofol	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
57 Difenoconazole	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.1
58 Dimethoate	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 5.0
59 Dithiocarbamates as CS2 (Mancozeb as CS2, Metiram as CS2)	AES/RES/SOP 6.0	BLQ (<0.010)	mg/kg	Max 0.01
60 Fenazaquin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 5.0
61 Fenpyroximate	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
62 Fipronil	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.1
63 Flubendiamide	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.2
64 Flusilazole	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.1
65 Hexaconazole	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 5.0
66 Hexythiazox	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.1
67 Imidacloprid	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 3.0
68 Indoxacarb	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.1
69 Kresoxim Methyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 1.5
70 Lambda cyhalothrin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.5
71 Lufenuron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.5
72 Metalaxyl-M	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.5

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73 Milbemectin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.1
74 Monocrotophos	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 2.0
75 Myclobutanil	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 2.0
76 Novaluron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.1
77 Oxydemeton-Methyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 20.0
78 Pendimethalin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.5
79 Picoxystrobin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.5
80 Propargite	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 20.0
81 Propineb	AES/RES/SOP 6.0	BLQ (<0.01)	mg/kg	Max 20.0
82 Pyraclostrobin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.5
83 Pyridalyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.2
84 Pyriproxyfen	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.2
85 Quinalphos	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 2.0
86 Spinosad	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.1
87 Spiromesifen	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 1.0
88 Tebuconazole	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 4.0
89 Thiacloprid	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.2
90 Thiodicarb	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.1
91 Thiamethoxam	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 5.0
92 Triadimefon	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 4.0
93 Triazophos	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 2.0
94 Tricyclazole	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 3.0
95 Spinetoram and its metabolites (Spinosyn-J and Spinosyn-L)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.5
96 Spirotetramat	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 20.0
97 Abamectin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.5
Banned Pesticides				
98 Fenthion	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
99 Chlordane	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
100 Simazine	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
101 Aldicarb	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
102 Ethyl Parathion	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
103 Phosphamidon	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
104 Methyl Parathion (combined residues of methyl parathion and its oxygen analogue to be determined and expressed as methyl parathion)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
105 Formothion	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
106 Heptalchlor	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
107 Fenitrothion	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
108 Dieldrin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
109 D.D.T	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
110 Lindane	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
111 Diazinon	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
112 Aldrin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
113 Ferbam	AES/RES/SOP 6.0	BLQ (<0.01)	mg/kg	Max 0.01
114 Endosulfan	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
115 Captafol	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
116 Carbofuran (sum of carbofuran and 3-hydroxy carbofuran expressed as carbofuran)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
117 Methomyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01

ULR No. TC630824200049207F



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Quality characteristics	Nature of method of test used	Results	Units	Prescribed standards as per provisions of the Act, and the rules and regulations made thereunder
Adulterants				
118 Papaya Seeds	AES/FOD/SOP 13.0	Present*	-	Absent
119 Rodent Hair & Excreta	AES/FOD/SOP 13.0	Present*	-	Absent
120 Dust	AES/FOD/SOP 13.0	Absent	-	Absent
121 Straw	AES/FOD/SOP 13.0	Absent	-	Absent
122 Damaged & Other Seed	AES/FOD/SOP 13.0	Present*	-	Absent
123 Starch Powder	AES/FOD/SOP 13.0	Absent	-	Absent
124 Coal Tar Dyes	AES/FOD/SOP 13.0	Absent	-	Absent
Quality Parameters				
125 Extraneous Vegetable Matter	AES/FOD/SOP 13.0	BLQ (<0.01)	% by wt.	Max 2.0
126 Free from Foreign Odour	AES/FOD/SOP 13.0	Free	-	Free
127 Rodent Hair & Excreta	AES/FOD/SOP 13.0	Present*	-	Absent
128 Saw Dust	AES/FOD/SOP 13.0	Absent	-	Absent
129 Sand & Gritty Matter	AES/FOD/SOP 13.0	Absent	-	Absent
Pesticide Residues				
130 Ethylene bis- dithiocarbamates resulting from the use of mancozeb, maneb or zineb (including zineb derived from nabam plus zinc sulphate)	AES/RES/SOP 6.0	BLQ (<0.01)	mg/kg	Max 0.01
131 Sum of Ethylene Oxide and 2- Chloroethanol expressed as Ethylene Oxide, mg/kg	FSSAI.OM.EO.001.2024	BLQ (<0.01)	mg/kg	-
132 Malathion (Malathion to be determined and expressed as combined residues of malathion and malaixon)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
133 Phorate (sum of Phorate, its oxygen analogue and their sulfoxides and sulphones, expressed as phorate)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
134 Cyflumetofen	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
135 Topramezone	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
136 Tolfenpyrad	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
137 Pymetrozine	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
138 Prohexadione calcium	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
139 Mepiquat Chloride	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
140 Boscalid	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
141 Propanil	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
142 Propanil	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
143 Triallate	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
144 Thifluzamide	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
145 Penconazole	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
146 Metaflumizone	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
147 Tetraconazole	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
148 Imazamox	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
149 Validamycin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
150 Thiophanate Methyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
151 Phosalone	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
152 Pencycuron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
153 Fluopyram and its metabolites	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
154 Trichlorfon	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
155 Quizalofop ethyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
156 Pirimiphos-methyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
157 Paclobutrazol	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
158 Methabenzthiazuron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
159 Flucetosulfuron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
160 Thiocyclam Hydrogen Oxalate	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
161 Tridemorph	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
162 Tridemorph	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
163 Sodium Aceflourofen	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01

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164 Pinoxaden	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
165 Mandipropamid	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
166 Fluxapyroxad	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
167 Ametyn	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
168 Triasulfuron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
169 Thiometon(Residues determined as thiometon its sulfoxide and sulphone expressed as thiometon)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
170 Propiconazole	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
171 Permethrin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
172 Metsulfuron Methyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
173 2,4-D Amine Salt	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
174 Triacontanol	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
175 Quizalofop-P-tefuryl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
176 Propaquizafop	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
177 Penoxuslum	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
178 Metribuzin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
179 Sulfoxaflor	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
180 Bentazone	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
181 Tembotriione	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
182 Pyrazosulfuronethyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
183 Profenofos	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
184 Orthosulfamuron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
185 Mesosulfuron Methyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
186 Metrafenone	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
187 Fomesafen	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
188 Trifluralin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
189 Sulfosulfuron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
190 Pretilachlor	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
191 Oxadiazon	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
192 Metolachlor	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
193 Sodium Para Nitro Phenolate	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
194 Fluopicolide	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
195 Pyrithiolac Sodium	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
196 Paraquat dichloride (Determined as Paraquatcations)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
197 Methyl Chlorophenoxy Acetic Acid (MCPA)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
198 Linuron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
199 Isoproturon	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
200 Isoprothiolane	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
201 Kasugamycin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
202 Iprobenfos (Kitazin)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
203 Iodosulfuron Methyl Sodium	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
204 Imazethapyr	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
205 Hydrogen Cyanamide	AES/RES/SOP 84.0	BLQ (<0.005)	mg/kg	Max 0.01
206 Hexazinone	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
207 Halosulfuron methyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
208 Glufosinate Ammonium	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
209 Forchlorfenuron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
210 Fluvalinate	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
211 Fluchloralin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
212 Flufenacet	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
213 Fluazifop-p-butyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
214 Flonicamid	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01

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Quality characteristics	Nature of method of test used	Results	Units	Prescribed standards as per provisions of the Act, and the rules and regulations made thereunder
215 Fenvalerate (Fat soluble residue)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
216 Fenoxaprop-p-ethyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
217 Fenobucarb(BPMC)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
218 Fenamidone	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
219 Etoxazole	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
220 Famoxadone	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
221 Dodine	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
222 Chlorpyriphos	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
223 Butachlor	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
224 Alpha cypermethrin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
225 Ethofenprox (Etofenprox)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
226 Dinotefuran	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
227 Chlorothalonil	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
228 Benfuracarb	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
229 Ethoxysulfuron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
230 Dinocap	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
231 Cyazofamid	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
232 Chlorpropham	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
233 Carpropamid	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
234 Azimsulfuron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
235 Dimethomorph	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
236 Carbendazim	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
237 Bispyribac Sodium	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
238 Etephenon	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
239 Diflubenzuron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
240 Carfentrazone Ethyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
241 Atrazine	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
242 Diclosulam	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
243 Clomazone	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
244 Cartap Hydrochloride	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
245 Bitertanol	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
246 Ametrotradin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
247 Emamectin Benzoate	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
248 Clodinafop-propargyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
249 Chlormequat Chloride(CCC)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
250 Bensulfuron Methyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
251 Edifenphos	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
252 Chlorfluazuron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
253 Bifenthrin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
254 Alachlor	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
255 Diuron	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
256 Cymoxanil	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
257 Cinmethylene	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
258 Chlorimuron ethyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
259 Beta Cyfluthrin	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
260 Dithianon	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
261 Cyhalofop-butyl	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
262 Chromafenozide	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
263 Captan	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
264 Anilophos	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
265 Copper Hydroxide (Copper determined as elemental copper)	AES/RES/SOP 15.0	14.66	mg/kg	Max 30.0

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Quality characteristics		Nature of method of test used	Results	Units	Prescribed standards as per provisions of the Act, and the rules and regulations made thereunder
266	Acephate (expressed as mixture of Methamidophos and acephate).	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
267	Copper Oxychloride (Copper determined as elemental copper), mg/ kg	AES/RES/SOP 15.0	14.66	mg/kg	Max 30.0
268	Ethion(Residues to be determined as ethion and its oxygen analogue and expressed as ethion)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
269	Chlothianidin (Chlothianidin and its metabolites Thiazolymethylguanidine (TMG), Thiazolymethylurea (TZMU), MethylNitroguanidine (MNG) TMG)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
270	Diclofop (sum diclofop-methyl and diclofop acid expressed as diclofop-methyl)"	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
271	Sulfentrazone and its metabolite Desmethylsulfentrazone and 3 Hydroxymethylsulfentrazone	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
272	Flupyradifurone and its metabolites Difluroacetic Acid and Difluoroethylamino-furanone	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
273	Cypermethrin (sum of isomers) (Fat soluble residue)	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
274	Sum of benomyl and carbendazim expressed as carbendazim	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01
275	Copper Sulphate (Copper determined as elemental copper)	AES/RES/SOP 15.0	14.66	mg/kg	Max 30.0
276	2,4-Dichlorophenoxy Acetic Acid	AES/RES/SOP 6.0	BLQ (<0.005)	mg/kg	Max 0.01

Note(s) : BLQ means Below Limit of Quantification. The values enclosed in brackets are the limit of Quantification of the mentioned test method.**Opinion:** The tested sample does not conform to FSSR, 2011 wrt to results marked with a *. The sample is unsafe under section 3.1.(zz).(iii).(x) of FSS act 2006.**Note:** The conformity decisions/opinions are based on guard banded acceptance limits calculated based on the expanded uncertainty of the result (Decision Rule LM 7.8.1). The decision has a confidence level of approximately 95 %,with an error probability of approximately 5%.

Signed this 27 day of December 2024

AES Laboratories (P) Ltd.
(Food Analyst)

e-verify