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“ಕನ್ನಡ ಕಾಯಕ ವರ್ಷ-2021-22”

Phone: 08532-297313 (O)

## **UNIVERSITY OF AGRICULTURAL SCIENCES, RAICHUR**

### **Pesticide Residue and Food Quality Analysis Laboratory**

(ISO/IEC 17025:2017 Accredited Testing Laboratory by NABL vide Certificate number TC-7571)

**Dr. M. Bheemanna**  
Professor (Ent.) and Head



P.B. No. 329,  
UAS, Raichur- 584 104, Karnataka.

No. PRFQAL/ UASR / 16 / 2021-22

Date: 17.09.2021

20

To,

Korvi Fullers Earth Processing  
Industry, #61, Khuba plots  
Kalaburagi - 585102

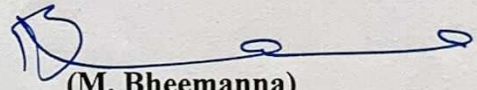
Sir,

**Sub:-** Submission of Test report- reg.

With reference to the above cited subject, I am herewith enclosing the test report of pesticide analysis in sample submitted to the Pesticide Residue and Food Quality Analysis Laboratory, UAS, Raichur.

This is for your kind information and further needful.

Thanking you,

  
(M. Bheemanna)  
**Professor & Head**  
Pesticide Residue & Food Quality  
Analysis Laboratory  
UAS, Raichur-584104

**Enclosed:**

- 01 -Test Reports
- CB 17467/20.9.21 → 10.000 L





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**P.B. No. 329, UAS, Raichur – 584104**

### TEST REPORT

(Non-Regulatory Sample –General – Non Accredited Scope)

<b>Customer Name and Address</b>	Korvi Fullers Earth Processing Industry, #61, Khuba plots Kalaburagi - 585102	<b>Report No.</b>	PRA/134/2021-22
		<b>Report Date (dd/mm/yyyy)</b>	17.09.2021
		<b>Page No / Number of Pages</b>	04
		<b>Customer Ref No.</b>	PRFQAL/173/01.09.2021
		<b>Any other Information</b>	-

#### Sample Details

<b>Sample Name</b>	Soil		
<b>Description</b>	-		
<b>Quantity</b>	1 kg	<b>Sample Received Date</b>	01.09.2021
<b>Batch No.</b>	-	<b>Date of Analysis Started</b>	15.09.2021
<b>Laboratory Code</b>	PRA/1/RS5/C/777/IX/2021-22	<b>Date of Completion of Analysis</b>	15.09.2021

#### GC-MS/MS Estimation

Sr. No.	Name of Test	Result	Unit	Method of Analysis / Technique
1	2	3	4	5
1	4-bromo-2-chlorophenol	ND	mg/kg	GC-MS/MS
2	Trifluralin	ND	mg/kg	GC-MS/MS
3	Alpha-BHC	ND	mg/kg	GC-MS/MS
4	Beta-BHC	ND	mg/kg	GC-MS/MS
5	Diazinone	ND	mg/kg	GC-MS/MS
6	Fluchloralin	ND	mg/kg	GC-MS/MS
7	Tri-allate	ND	mg/kg	GC-MS/MS
8	Iprobenfos	ND	mg/kg	GC-MS/MS
9	Clorpyrifos methyl	ND	mg/kg	GC-MS/MS
10	Alachlor	ND	mg/kg	GC-MS/MS
11	Heptachlor	ND	mg/kg	GC-MS/MS
12	Parathion methyl	ND	mg/kg	GC-MS/MS
13	Propanil	ND	mg/kg	GC-MS/MS
14	Fenitrothion	ND	mg/kg	GC-MS/MS
15	Aldrin	ND	mg/kg	GC-MS/MS
16	Chlorpyrifos	ND	mg/kg	GC-MS/MS
17	Parathion	ND	mg/kg	GC-MS/MS
18	Chlorfenvinphos	ND	mg/kg	GC-MS/MS
19	Phenthoate	ND	mg/kg	GC-MS/MS
20	Butachlor	ND	mg/kg	GC-MS/MS
21	p,p' - DDE	ND	mg/kg	GC-MS/MS





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22	Endrin	ND	mg/kg	GC-MS/MS
23	Beta- Endosulfon	ND	mg/kg	GC-MS/MS
24	o, p'-DDT	ND	mg/kg	GC-MS/MS
25	Endosulfon sulphate	ND	mg/kg	GC-MS/MS
26	p, p'- DDT	ND	mg/kg	GC-MS/MS
27	Bifenthrin	ND	mg/kg	GC-MS/MS
28	Lambda- Cyhalothrin	ND	mg/kg	GC-MS/MS
29	Fenpropathrin	ND	mg/kg	GC-MS/MS
30	Permethrin	ND	mg/kg	GC-MS/MS
31	Cypermethrin	ND	mg/kg	GC-MS/MS
32	Cyfluthrin	ND	mg/kg	GC-MS/MS
33	Etofenprox	ND	mg/kg	GC-MS/MS
34	Fenvalerate	ND	mg/kg	GC-MS/MS
35	Deltamethrin	ND	mg/kg	GC-MS/MS

#### LC-MS/MS Estimation

Sr. No.	Name of Test	Result	Unit	Method of Analysis / Technique
1	2	3	4	5
1	Thiacloprid	ND	mg/kg	LC-MS/MS
2	Buprofezin	ND	mg/kg	LC-MS/MS
3	Metalachlor	ND	mg/kg	LC-MS/MS
4	Imidacloprid	BQL	mg/kg	LC-MS/MS
5	Dimethoate	ND	mg/kg	LC-MS/MS
6	Triademenol	ND	mg/kg	LC-MS/MS
7	Triademefon	ND	mg/kg	LC-MS/MS
8	Thiobencarb	ND	mg/kg	LC-MS/MS
9	Spinosad	ND	mg/kg	LC-MS/MS
10	Phosalone	ND	mg/kg	LC-MS/MS
11	Methoxyfenozide	ND	mg/kg	LC-MS/MS
12	Hexythiazox	ND	mg/kg	LC-MS/MS
13	Fenpyroximate	ND	mg/kg	LC-MS/MS
14	Carbendazim	ND	mg/kg	LC-MS/MS
15	Carbaryl	ND	mg/kg	LC-MS/MS
16	Triazophos	ND	mg/kg	LC-MS/MS
17	Carbofuron	ND	mg/kg	LC-MS/MS
18	Bitertenol	ND	mg/kg	LC-MS/MS
19	Bendiocarb	ND	mg/kg	LC-MS/MS
20	Benalaxyl	ND	mg/kg	LC-MS/MS





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21	Acephate	ND	mg/kg	LC-MS/MS
22	Pymetrozine	ND	mg/kg	LC-MS/MS
23	Omethoate	ND	mg/kg	LC-MS/MS
24	Metribuzin	ND	mg/kg	LC-MS/MS
25	Metalaxyl	ND	mg/kg	LC-MS/MS
26	Emamectin benzoate	ND	mg/kg	LC-MS/MS
27	Tetraconazole	ND	mg/kg	LC-MS/MS
28	Quinalphos	ND	mg/kg	LC-MS/MS
29	Profenofos	ND	mg/kg	LC-MS/MS
30	Phosphomidon	ND	mg/kg	LC-MS/MS
31	Pendimethalin	ND	mg/kg	LC-MS/MS
32	Difenconazole	ND	mg/kg	LC-MS/MS
33	Pretilachlor	ND	mg/kg	LC-MS/MS
34	Paclobutrazole	ND	mg/kg	LC-MS/MS
35	Chlorantraniliprole	ND	mg/kg	LC-MS/MS
36	Isoproturon	ND	mg/kg	LC-MS/MS
37	Hexaconazole	ND	mg/kg	LC-MS/MS
38	Penconazole	ND	mg/kg	LC-MS/MS
39	Coumatetryl	ND	mg/kg	LC-MS/MS

ND- Not Detected, BQL-Below Quantification Level (Quantification Level  $\geq$  0.01mg/kg).



\*\*\*\*\* End of Test Report \*\*\*\*\*

**AUTHORISED SIGNATORY**  
**Professor & Head**  
**Pesticide Residue & Food Quality**  
**Analysis Laboratory**  
**UAS, Raichur-584104**

**Note:**

1. Sample not drawn by Pesticide Residue and Food Quality Analysis Laboratory, UAS, Raichur.
2. The test report relates only to the sample(s) tested in the laboratory.
3. The test report shall not be reproduced partial or full, without written approval of the Pesticide Residue and Food Quality Analysis Laboratory, UAS, Raichur.