

ORIGINAL NOT NEGOTIABLE

Report Ref : 1102210355A



NCML LABS

Test Report

ULR - TC-619222000008822F

Discipline : Chemical
 Product Group : Food and Agricultural Products
 Sub Group : Cereals, Pulses & Cereal Products

Issued To:

Kashimnagar Farmer Producer Company Limited (KFPCL)
 Kashimnagar Farmer Producer Company Ltd", H.No: 1-50/3, Anjana Girl,
 Wanaparthy Dist, Telangana,
 Kashimnagar, Wanaparthy-509103, Telangana
 haribabumarati@gmail.com, gudiserameshkumar1416@gmail.com
 8790601575, 9704910929

Issue Date : 29-Oct-2022
 Client Reference : Test Request Form

Sample Details:	
Sample ID	: 1102210355
Name of the Sample	: Jowar (Sample No:09)
Date of Receipt	: 26-Oct-2022
Job Ref. No.	: TR/5351/22-23
Place of receipt / Lab	: Hyderabad
Sample particulars	: Farmer Name:M.Govindu, M.Bojua, M.Krishna, Darma, Mudavath Thulcha, Bajya Nayak, Chittamma, Kurumaiah; Village: Naganna Thanda, Forwarded By:eFresh Agribusiness Solutions Pvt Ltd, Sample Quantity : 1KG
Sampling Details	: Sample Not Drawn by us
Analysis Starting Date	: 26-Oct-2022
Analysis Completion Date	: 29-Oct-2022
Sample Condition	: Fit for analysis

Test Results

S.No	Test Parameter	Unit of Measurement	Test Method	Specification	Test Result
Group : General					
1	Foreign Matter-Impurities of animal origin	%	IS 4333 (Part- 1) 1996	Max 0.1	0
2	Foreign Matter-Mineral Matter	%	IS 4333 (Part- 1) 1996	Max 0.25	0
3	Weevilled Grains	%	IS 4333 (Part- 1) 1996	Max 5.0	0.00
4	Ergot affected grains	%	IS 4333(Part-1): 1996	Max 0.05	0.00
5	Immature and Shrivelled	%	IS 4333(Part-1): 1996	Max 8	0.92
Group : Pesticide residue					
6	Chlorpyrifos	mg/kg	CommGrade/L3-HYB .FOO-067	Max 0.05	BLQ(LOQ-0.01)

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Group : Pesticide residue					
7	Deltamethrin/Decamethrin	mg/kg	CommGrade/L3-HYB .FOO-043	Max 2	BLQ(LOQ-0.01)
8	Dichlorvos (DDVP) (content of di- chloroacetaldehyde (D.C.A.) be reported where possible)	mg/kg	CommGrade/L3-HYB .FOO-067	Max 1	BLQ(LOQ-0.01)
9	Dithiocarbamates (the residue tolerance limit are determined and expressed as mg/CS2/kg and refer separately to the residues arising from any or each group of dithiocarbamates)	mg/kg	CommGrade/L3-HYB .FOO-063	Max 0.5	BLQ(LOQ-0.01)
10	Sum of benomyl and carbendazim expressed as carbendazim	mg/kg	CommGrade/L3-HYB .FOO-067	Max 0.5	BLQ(LOQ-0.01)
11	Carbaryl	mg/kg	CommGrade/L3-HYB .FOO-067	Max 1.5	BLQ(LOQ-0.01)
12	Carbendazim	mg/kg	CommGrade/L3-HYB .FOO-067	Max 0.1	BLQ(LOQ-0.01)
13	Carbofuran (Sum of Carbofuran and 3-hydroxy-carbofuran expressed as carbofuran)	mg/kg	CommGrade/L3-HYB .FOO-067	Max 0.1	BLQ(LOQ-0.01)
14	Ethion (Residue to be determined as ethion and its oxygen analogue and expressed as ethion)	mg/kg	CommGrade/L3-HYB .FOO-067	Max 0.03	BLQ(LOQ-0.01)
15	Malathion (Malathion to be determined and expressed as combined residue of malathion and malaoxon)	mg/kg	CommGrade/L3-HYB .FOO-067	Max 4	BLQ(LOQ-0.01)
16	Metalaxyl	mg/kg	CommGrade/L3-HYB .FOO-067	Max 0.05	BLQ(LOQ-0.01)
17	Monocrotophos	mg/kg	CommGrade/L3-HYB .FOO-067	Max 0.03	BLQ(LOQ-0.01)
18	Oxydemeton methyl	mg/kg	CommGrade/L3-HYB .FOO-067	Max 0.02	BLQ(LOQ-0.01)
19	Paraquat Dichloride (Determined as Paraquat cations)	mg/kg	CommGrade/L3-HYB .FOO-067	Max 0.03	BLQ(LOQ-0.01)
20	Phenthoate	mg/kg	CommGrade/L3-HYB .FOO-067	Max 0.05	BLQ(LOQ-0.01)



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Group : Pesticide residue					
21	Phorate (sum of Phorate, its oxygen analogue and their sulphoxides and sulphones, expressed as phorate)	mg/kg	CommGrade/L3-HYB -FOO-067	Max 0.06	BLQ(LOQ-0.01)
22	Pirimiphos Methyl	mg/kg	CommGrade/L3-HYB -FOO-067	Max 7	BLQ(LOQ-0.01)
23	Thiometon (residue determined as thiometon its sulfoxide and sulphone expressed as thiometon)	mg/kg	CommGrade/L3-HYB -FOO-067	Max 0.03	BLQ(LOQ-0.01)
24	Trichlorfon	mg/kg	CommGrade/L3-HYB -FOO-067	Max 0.06	BLQ(LOQ-0.01)
Group : Crop Contaminants					
25	Aflatoxin B1	µg/kg	CommGrade/L3-HYB -FOO-026	Max 10	BLQ(LOQ-0.5)
26	Aflatoxin B2	µg/kg	CommGrade/L3-HYB -FOO-026	Not Specified	BLQ(LOQ-0.5)
27	Aflatoxin G1	µg/kg	CommGrade/L3-HYB -FOO-026	Not Specified	BLQ(LOQ-0.5)
28	Aflatoxin G2	µg/kg	CommGrade/L3-HYB -FOO-026	Not Specified	BLQ(LOQ-0.5)
29	Total Aflatoxins	µg/kg	CommGrade/L3-HYB -FOO-026	Max 15	BLQ(LOQ-2.0)
Group : Chemical					
30	Moisture	%	IS 4333(Part-2): 2017	Max 14.5	11.64
31	Uric Acid by HPLC	mg/kg	CommGrade/L3-HYB -FOO-127	Max 100	BLQ(LOQ-10.0)
32	Foreign Matter (extraneous matter)	%	IS 4333(Part-1): 1996	Max 1	0.00
33	Damaged grains	%	IS 4333(Part-1): 1996	Max 6	1.92
34	Other edible grains	%	IS 4333(Part-1): 1996	Max 3	0.00
Group : Other Contaminants					
35	Melamine	mg/kg	CommGrade/L3-HYB -FOO-061	Max 2.6	BLQ(LOQ-0.01)
Group : Metals					



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Group : Metals					
36	Arsenic as As	mg/kg	CommGrade/L3-HYB -FOO-023	Max 1.1	BLQ(LOQ-0.1)
37	Cadmium as Cd	mg/kg	CommGrade/L3-HYB -FOO-023	Max 0.1	BLQ(LOQ-0.1)
38	Copper as Cu	mg/kg	CommGrade/L3-HYB -FOO-023	Max 30	1.16
39	Lead as Pb	mg/kg	CommGrade/L3-HYB -FOO-023	Max 0.2	BLQ(LOQ-0.1)
40	Mercury as Hg	mg/kg	CommGrade/L3-HYB -FOO-023	Max 1	BLQ(LOQ-0.1)
41	Methyl Mercury as Hg	mg/kg	CommGrade/L3-HYB -FOO-023	Max 0.25	BLQ(LOQ-0.1)
42	Tin as Sn	mg/kg	CommGrade/L3-HYB -FOO-023	Max 250	BLQ(LOQ-0.1)

Remarks

1. BLQ: Below limit of quantification.
2. LOQ: Limit of quantification.
3. Instrument used: ICP-MS, LC-MS/MS, HPLC.
4. sample conforms to FSSAI regulations, 2011 w.r.to above tests

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Syad Mahammad Rasool
Quality Analyst Supervisor

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End of the test report

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Place of receipt / Lab	: Hyderabad
Sample particulars	: Farmer Name:M.Govindu, M.Bojua, M.Krishna, Darna, Mudavath Thulcha, Bajya Nayak, Chittamma, Kurumaiah; Village: Naganna Thanda, Forwarded By: eFresh Agribusiness Solutions Pvt Ltd , Sample Quantity : 1KG
Sampling Details	: Sample Not Drawn by us
Analysis Starting Date	: 26-Oct-2022
Analysis Completion Date	: 29-Oct-2022
Sample Condition	: Fit for analysis

Test Results

S.No	Test Parameter	Unit of Measurement	Test Method	Specification	Test Result
Group : Pesticide residue					
1	2,4-Dichlorophenoxy Acetic acid	mg/kg	CommGrade/L3-HYB -FOO-067	Max 0.01	BLQ(LOQ-0.01)

Remarks

- 1.BLQ:Below limit of quantification.
- 2.LOQ:Limit of quantification.
- 3.Instrument used:ICP-MS,LC-MS/MS,HPLC.
- 4.sample conforms to FSSAI regulations,2011 w.r.to above tests

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----- End of the test report -----