



TEST REPORT



ULR No:TC620625000031577F
Test Report No.:MBT/CL/81330/2025-2026

Date: 08.10.2025

Discipline: CHEMICAL
Group: Food and Agricultural Product and Residues and contaminants in Food Product

CUSTOMER PROVIDED INFORMATION

Sample Name : RICE
Customer Name : BEFACH 4X PRIVATE LIMITED
Customer Address : 1-1-31/336, PHASE1, PLOT NO 336, SAKET COLONY, KAPRA, POST ECIL, HYDERABAD, TELANGANA, INDIA 500062
Identification of Sample : NA
Packaging & Quantity : NA
Batch No : NA
Mfg. Date : NA
Expiry Date : NA

PARTICULARS OF SAMPLE SUBMITTED

Sample Code : F251003-0089
Sample Description : RICE
Sample Received Date : 03.10.2025
Sample Qty. Recd. : 1 KG
Test Performed at : Permanent Facility
Any deviation from the test method : No
Test Commenced on : 03.10.2025
Test Completed on : 08.10.2025

TEST RESULTS:

Sr. No.	Test Parameters	Test method	Result	Unit	Specified Limit as per 2.4.6.24(4) of Food Products Standards & Food Additives Regulation 2011
Crop Contamination					
1	Aflatoxin B1	MBT/CL/SOP/462	BLQ (LOQ: 0.5)	µg/kg	NMT 10
2	Total Aflatoxins (B1+B2+G1+G2)	MBT/CL/SOP/462	BLQ (LOQ:2.0)	µg/kg	NMT 15
Naturally Occurring Toxins					

Reviewed By

D. MAGIMA,
Food Analyst

Food Analyst

DR. P.P. JEGATHEESAN,
Food Analyst

Authorised Signatory

M. SARAVANAN,
Quality Manager

Terms and Conditions:

This report in full or in part shall not be published, advertised and used for any legal action, unless prior permission secured. This test report pertains only for the sample tested and such samples retained for 7 days (in case of perishable) and 30 days for all other samples. If there is any discrepancy / complaint received from the customer within 30 days from the date of report, the sample will kept for further 30 days. The samples from Regulatory bodies will be retained as specified. The sample will be disposed off or returned on request after the retention period. The total liability of this laboratory is limited to the invoice amount. Sample not drawn by laboratory unless stated

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1	Agaric acid	MBT/CL/SOP/071	BLQ (LOQ: 5)	mg/kg	---
2	Hydrocyanic acid	IS 11535	BLQ (LOQ: 1.0)	mg/kg	---
3	Hypericine	MBT/CL/SOP/071	BLQ (LOQ: 0.5)	mg/kg	---
4	Saffrole	MBT/CL/SOP/071	BLQ (LOQ: 0.5)	mg/kg	---

Pesticide Residues Considered Individually - Clause 5.4 & 5.4.1 Annex D

1	Acephate	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 1
2	Acetamiprid	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
3	Anilophos	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.1
4	Azimsulfuron	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.02
5	Azoxystrobin	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.03
6	Benfuracarb	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
7	Bensulfuron Methyl	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
8	Bentazone	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
9	Bifenthrin	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
10	Bispyribac Sodium	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
11	Buprofezin	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
12	Butachlor	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
13	Captan	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.3
14	Carbaryl	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 2.5
15	Carbendazim	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 2.0
16	Carbofuran	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
17	carfentrazone ethyl	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.1
18	carpropamid	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 1.0
19	Cartap Hydrochloride	MBT/CL/SOP/571	BLQ (LOQ:0.01)	mg/kg	NMT 0.5
20	Chlorantraniliprole	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.4
21	Chlorimuron Ethyl	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
22	Chlorpyrifos	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.5
23	Chlothianidin	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.5
24	Chromafenozide	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.03
25	Cinmethylen	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05

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26	Clomazone	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
27	Cyhalofop-butyl	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.5
28	Cypermethrin	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 2.0
29	Decamethrin/Deltamethrin	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 2.0
30	Diafenthiuron	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
31	Difenconazole	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
32	Dinotefuran	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 8.0
33	Edifenphos	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.02
34	Epoxyconazole	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
35	Ethofenprox	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
36	Ethoxysulfuron	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
37	Fenobucarb	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
38	Fenoxaprop-p-ethyl	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.02
39	Fenpropathrin	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.03
40	Fipronil	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
41	Flonicamid	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
42	Flubendiamide	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.1
43	Flucetosulfuron	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.02
44	Flufenacet	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
45	Flusilazole	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
46	Fluxapyroxad	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 5.0
47	Glyphosate	MBT/CL/SOP/508	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
48	Hexaconazole	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.02
49	Imidacloprid	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
50	Indoxacarb	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
51	Iprobenfos(Kitazin)	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.2
52	Iprodione	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 10
53	Isoprothiolane	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.1
54	Kasugamycin	MBT/CL/SOP/571	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
55	Lambdacyhalothrin	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 1.0

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56	Methyl Chlorophenoxy Acetic Acid (MCPA)	MBT/CL/SOP/571	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
57	Methyl Parathion	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
58	Metsulfuron Methyl	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
59	Oxadiazon	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.03
60	Oxyfluorfen	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
61	Pencycuron	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
62	Pendimethalin	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
63	Penoxuslum	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.1
64	Picoxystrobin	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
65	Pirimiphos-methyl	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.5
66	Pretilachlor	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
67	Propanil	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
68	Propiconazole	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
69	Propineb	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
70	Pymetrozine	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
71	Pyraclostrobin	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.02
72	Pyrazosulfuron ethyl	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
73	Quinalphos	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
74	Sulfoxaflor	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
75	Tebuconazole	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 1.5
76	Thiacloprid	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.02
77	Thiamethoxam	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.02
78	Thifluzamide	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.05
79	Thiocyclam hydrogen oxalate	MBT/CL/SOP/571	BLQ (LOQ:0.01)	mg/kg	NMT 0.01
80	Triazophos	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.6
81	Tricyclazole	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 3.0
82	Validamycin	MBT/CL/SOP/571	BLQ (LOQ:0.01)	mg/kg	NMT 0.01

Quality Parameters

1	Moisture	Manual of Methods of Analysis of Foods - Cereal and Cereal Products - FSSAI - 2016	10.98	%	NMT 15.5
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Trace Metal Elements					
1	Arsenic (as As)	MBT/CL/SOP/091	BLQ(LOQ:0.05)	mg/kg	NMT 1.10
2	Copper (as Cu)	MBT/CL/SOP/091	BLQ (LOQ:0.5)	mg/kg	NMT 30.0
3	Mercury (as Hg)	MBT/CL/SOP/091	BLQ(LOQ:0.05)	mg/kg	NMT 1.00
4	Methyl Mercury calculated as the element	MBT/CL/SOP/091	BLQ(LOQ:0.05)	mg/kg	NMT 0.25
5	Tin (as Sn)	MBT/CL/SOP/091	BLQ(LOQ:0.5)	mg/kg	NMT 250

Note: "mg-Milligram, kg-Kilogram, µg - Microgram, BLQ: Below Limit of Quantification, LOQ: Limit of Quantification, NMT: Not More Than"
Remark: The sample "RICE" conforms to the specification laid down under Regulation 2.4.6.24(4) of Food Safety and standards (Food Products Standards & Food Additives) Regulations 2011.

-----End Of Report-----



Reviewed By

**D. MAGIMA ,
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**DR. P.P.JEGATHEESAN,
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Authorised Signatory

**M.SARAVANAN,
 Quality Manager**



MONARCH NUCLEAR COUNTING LABORATORY

A UNIT OF MONARCH BIOTECH PRIVATE LIMITED

TEST REPORT



Test Report No.: MBT/CL/81330/2025-2026

Date: 08.10.2025

CUSTOMER PROVIDED INFORMATION

Sample Name : RICE
Customer Name : BEFACH 4X PRIVATE LIMITED
Customer Address : 1-1-31/336, PHASE1, PLOT NO 336, SAKET COLONY, KAPRA, POST ECIL, HYDERABAD, TELANGANA, INDIA 500062
Identification of Sample : NA
Packaging & Quantity : NA
Batch No : NA
Mfg. Date : NA
Expiry Date : NA

PARTICULARS OF SAMPLE SUBMITTED

Sample Code : F251003-0089
Sample Description : RICE
Sample Received Date : 03.10.2025
Sample Qty. Recd. : 1 KG
Test Performed at : Permanent Facility
Any deviation from the test method : No
Test Commenced on : 03.10.2025
Test Completed on : 08.10.2025

TEST RESULTS:

Sr. No.	Test Parameters	Test method	Result	Unit	Specified Limit as per 2.4.6.24(4) of Food Products Standards & Food Additives Regulation 2011
Pesticide Residues Considered Individually - Clause 5.4 & 5.4.1 Annex D					
1	Mancozeb	MBT/CL/SOP/497	BLQ (LOQ:0.01)	mg/kg	NMT 0.5
2	Oxadiargyl	MBT/CL/SOP/566	BLQ (LOQ:0.01)	mg/kg	NMT 0.1
Quality Parameters					
1	Broken Above 1.5 MM	Manual of Methods of Analysis of Foods - Cereal and Cereal Products - FSSAI - 2016	81.7	%	---
2	Broken UP TO 1.5MM	Manual of Methods of Analysis of Foods - Cereal and Cereal Products - FSSAI - 2016	14.0	%	---

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Regd. Office & Sample Collection Centre : New No. 17/1, Sadullah Street, T. Nagar, Chennai - 600 017 Tamilnadu, INDIA

Phone : 044 - 2681 0052 / 2431 2759 Email: monarchbio@gmail.com / info@monarchtestinglab.com; website: www.monarchtestinglab.com

LAB : 37-A, SIDCO Industrial Estate, Thirumazhisai, Chennai 600 124, Tamilnadu, INDIA. Ph: 91- 44- 2681 0052

FORM No.: MBT / QF / 059



MONARCH NUCLEAR COUNTING LABORATORY

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3	Chalky Kernels (Basis ½ Grain)	ISO7301	5.45	%	---
4	Damaged/Discoloured/Red/Red Streaked/Yellow	MBT/CL/SOP/267	1.47	%	---
5	Foreign Matter Including Paddy	MBT/CL/SOP/255	0.04	%	---
6	Full Grain Length of 6MM	Manual of Methods of Analysis of Foods - Cereal and Cereal Products - FSSAI - 2016	4.3	%	---
Trace Metal Elements					
1	Cadmium (as Cd)	MBT/CL/SOP/091	BLQ (LOQ:0.1)	mg/kg	NMT 0.4
2	Lead (as Pb)	MBT/CL/SOP/091	BLQ (LOQ:0.1)	mg/kg	NMT 0.2

Note: "mg-Milligram, kg-Kilogram, µg - Microgram, BLQ: Below Limit of Quantification, LOQ: Limit of Quantification, NMT: Not More Than"
Remark: The sample "RICE" conforms to the specification laid down under Regulation 2.4.6.24(4) of Food Safety and standards (Food Products Standards & Food Additives) Regulations 2011.

-----End Of Report-----



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