

Test Report No: CERT2025033448_AA

Order No: 2025033448

ULR No: TC1262625001026113F



TC12626



Test Report

Product Classification	Cereals , Pulses and Related Products		
Customer Name	ITC Limited- Maruthi Sevanagar		
Address	No. 18, Banaswadi Main Road, Maruthisevanagar 560005 Bangalore		
Sample Reference Name	Samba Rava , Mfg Date:02.12.2025,Exp Date:31.03.2026		
Date of Receipt	03-12-2025		
Date of Registration	03-12-2025	Date of Start of Analysis	03-12-2025
Date of End of Analysis	08-12-2025	Date of Issue of Report	08-12-2025
Batch No	24A10212		
Discipline	Chemical & Biological		
Group	Food & Agricultural Products		
Sample Id	NA		
PO	4700410769		
PO Date:	04.08.2025		
Invoice No., Date & Consignee Details:	NA		

Test Results

S.No	TEST PARAMETER	UNIT	RESULT	REQUIREMENT	TEST METHOD
1	Physico-Chemical Characteristics				
1.1	Alcoholic Acidity (with 90% alcohol) expressed as H ₂ SO ₄ (on dry basis)	%	0.06	0.18 max	IS 1009: 2023
1.2	Ash insoluble in dilute HCl (on dry basis)	%	0.04	0.15 max	IS 1009: 2023
1.3	Crude Fiber (on dry basis)	%	0.51	2.5 max	IS 10226: 1992
1.4	Moisture	%	8.89	14.0 max	IS 4333 (P2): 2017
1.5	Total Ash (on dry basis).	%	1.36	2.0 max	IS 1009: 2023
2	Metals				
2.1	Arsenic as As	mg/kg	BLQ of 0.02	1.1 max	SAIL/FOOD/MOA/017
2.2	Cadmium as Cd	mg/kg	BLQ of 0.02	0.2 max	SAIL/FOOD/MOA/017
2.3	Copper as Cu	mg/kg	8.750	30.0 max	SAIL/FOOD/MOA/017
2.4	Lead as Pb	mg/kg	BLQ of 0.02	0.2 max	SAIL/FOOD/MOA/017
2.5	Mercury as Hg	mg/kg	BLQ of 0.02	1.0 max	SAIL/FOOD/MOA/017
2.6	Methyl Mercury as Hg	mg/kg	BLQ of 0.02	0.25 max	SAIL/FOOD/MOA/054
2.7	Tin as Sn	mg/kg	0.215	250.0 max	SAIL/FOOD/MOA/017
3	Mycotoxins				
3.1	Deoxynivalenol	µg/kg	<200	1000 max	ELISA,RIDASCREEN FAST DON Art No R5901 R- Biopharm
3.2	Aflatoxin B1	µg/kg	BLQ of 1.00	10.0 max	SAIL/FOOD/MOA/001
3.3	Ochratoxin A	µg/kg	BLQ of 2.00	5.0 max	SAIL/FOOD/MOA/027
3.4	Total Aflatoxins (B1, B2, G1, G2)	µg/kg	BLQ of 1.00	15.0 max	SAIL/FOOD/MOA/001
4	Other Contaminants				
4.1	Melamine	mg/kg	BLQ of 0.05	2.5 max	SAIL/FOOD/MOA/115
4.2	Uric Acid	mg/kg	BLQ of 10.00	100.0 max	IS 4333 (Part 5): 1970
5	Pesticides Residues				
5.1	2,4 Dichlorophenoxy Acetic Acid	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.2	Azoxystrobin	mg/kg	BLQ of 0.008	0.2 max	SAIL/FOOD/MOA/103
5.3	Benomyl (Sum of Benomyl and Carbendazim expressed as Carbendazim)	mg/kg	BLQ of 0.008	0.1 max	SAIL/FOOD/MOA/103
5.4	Bifenthrin	mg/kg	BLQ of 0.008	0.05 max	SAIL/FOOD/MOA/103
5.5	Carbaryl	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.6	Carbendazim	mg/kg	BLQ of 0.008	0.1 max	SAIL/FOOD/MOA/103
5.7	Carbofuran (sum of carbofuran and 3- hydroxy carbofuran expressed as carbofuran)	mg/kg	BLQ of 0.008	0.03 max	SAIL/FOOD/MOA/103

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Format No. F/SAIL/7.1/08

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5.8	Carfentrazone-ethyl	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.9	Chlorimuron-ethyl	mg/kg	BLQ of 0.008	0.05 max	SAIL/FOOD/MOA/103
5.10	Chlorpyrifos	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.11	Clodinafop-propargyl	mg/kg	BLQ of 0.008	0.1 max	SAIL/FOOD/MOA/103
5.12	Cypermethrin (sum of isomers)	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.13	Deltamethrin (Decamethrin)	mg/kg	BLQ of 0.008	0.2 max	SAIL/FOOD/MOA/103
5.14	Dichlorvos	mg/kg	BLQ of 0.008	0.25 max	SAIL/FOOD/MOA/103
5.15	Diclofop (sum of Diclofop-methyl and Diclofop acid expressed as Diclofop-methyl)	mg/kg	BLQ of 0.008	0.1 max	SAIL/FOOD/MOA/103
5.16	Difenoconazole	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.17	Dithiocarbamates as CS2 (Total of Ziram, Zineb, Nabam, Mancozeb, Maneb, Ferbam, Metiram, Thiram, Propineb, Metam)	mg/kg	BLQ of 0.010	0.05 max	SAIL/FOOD/MOA/103
5.18	Epoxyconazole	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.19	Ethion (Residues to be determined as Ethion and its oxygen analogue and expressed as Ethion)	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.20	Fenoxaprop-P-ethyl	mg/kg	BLQ of 0.008	0.02 max	SAIL/FOOD/MOA/103
5.21	Fipronil	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.22	Iodosulfuron Methyl Sodium	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.23	Isoproturon	mg/kg	BLQ of 0.008	0.1 max	SAIL/FOOD/MOA/103
5.24	Kresoxim Methyl	mg/kg	BLQ of 0.008	0.05 max	SAIL/FOOD/MOA/103
5.25	Malathion (Malathion to be Determined and expressed as Combined Residues of Malathion and Malaoxon)	mg/kg	BLQ of 0.008	1.0 max	SAIL/FOOD/MOA/103
5.26	Mesosulfuron-methyl	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.27	Methabenzthiazuron	mg/kg	BLQ of 0.008	0.5 max	SAIL/FOOD/MOA/103
5.28	Methyl Chlorophenoxy Acetic Acid (MCPA)	mg/kg	BLQ of 0.008	0.2 max	SAIL/FOOD/MOA/103
5.29	Metribuzin	mg/kg	BLQ of 0.008	0.03 max	SAIL/FOOD/MOA/103
5.30	Metsulfuron-Methyl	mg/kg	BLQ of 0.008	0.1 max	SAIL/FOOD/MOA/103
5.31	Monocrotophos	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.32	Oxydemeton methyl	mg/kg	BLQ of 0.008	0.02 max	SAIL/FOOD/MOA/103
5.33	Paraquat Dichloride (determined as Paraquat cations)	mg/kg	BLQ of 0.008	0.03 max	SAIL/FOOD/MOA/103
5.34	Pendimethalin	mg/kg	BLQ of 0.008	0.05 max	SAIL/FOOD/MOA/103
5.35	Phenthoate	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.36	Phorate (sum of Phorate, its oxygen analogue and their sulphoxides and sulphones, expressed as phorate)	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.37	Picoxystrobin	mg/kg	BLQ of 0.008	0.05 max	SAIL/FOOD/MOA/103
5.38	Pinoxaden	mg/kg	BLQ of 0.008	0.7 max	SAIL/FOOD/MOA/103
5.39	Pirimiphos-methyl	mg/kg	BLQ of 0.008	1.0 max	SAIL/FOOD/MOA/103
5.40	Propiconazole (sum of isomers)	mg/kg	BLQ of 0.008	0.05 max	SAIL/FOOD/MOA/103
5.41	Pyraclastrobin	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.42	Sulfosulfuron	mg/kg	BLQ of 0.008	0.02 max	SAIL/FOOD/MOA/103
5.43	Tebuconazole	mg/kg	BLQ of 0.008	0.05 max	SAIL/FOOD/MOA/103
5.44	Thiamethoxam	mg/kg	BLQ of 0.008	0.05 max	SAIL/FOOD/MOA/103
5.45	Thiometon (residues determined as Thiometon its sulfoxide and sulphone expressed as Thiometon)	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.46	Thiophanate-methyl	mg/kg	BLQ of 0.008	0.03 max	SAIL/FOOD/MOA/103
5.47	Triadimefon	mg/kg	BLQ of 0.008	0.5 max	SAIL/FOOD/MOA/103
5.48	Triallate	mg/kg	BLQ of 0.008	0.05 max	SAIL/FOOD/MOA/103
5.49	Triasulfuron	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.50	Trichlorfon	mg/kg	BLQ of 0.008	0.01 max	SAIL/FOOD/MOA/103
5.51	Tridemorph	mg/kg	BLQ of 0.008	0.1 max	SAIL/FOOD/MOA/103



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5.52	Trifloxystrobin	mg/kg	BLQ of 0.008	0.2 max	SAIL/FOOD/MOA/103
5.53	Trifluralin	mg/kg	BLQ of 0.008	0.1 max	SAIL/FOOD/MOA/103

SHIVA

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S.No	TEST PARAMETER	UNIT	RESULT	REQUIREMENT	TEST METHOD
6	Microbiology				
6.1	Listeria monocytogenes	/25g	Absent	Absent	IS 14988(Part 1):2020
6.2	E.coli O157 and Vero or Shiga toxin producing E coli	/25g	Absent	Absent	IS 14397:1996
6.3	Salmonella	/25g	Absent	Absent	IS 5887(Part 3/Sec1): 2020
6.4	Vibrio cholerae	/25g	Absent	Absent	IS 5887(Part 5/Sec1): 2023

Remarks :

- BLQ- Below Limit of Quantification

- The above mentioned sample conforms to the FSSR 2011 requirements wrt the specified parameters only, wherever applicable

Terms And Conditions

S.No	Description
1	The results reported above pertains only to the tested sample and applicable parameters, where the Laboratory has not performed the Sampling.
2	Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified.
3	Total liability of our laboratory is limited to the invoiced amount.
4	This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.
5	In case any reconfirmation of contents of this test certificate is required, please contact our office.
6	Sampling is not done by us unless specified.
7	Any discrepancy in the Test Certificate should be notified within 30 days.

Authorised Signatory

DGM-Food Testing Services
Manpreet Kaur



Authorised Signatory

Team Leader - Microbiology
Parthasarathy L



-----End of Report-----