

Test Report No: CERT2026016064_AA

Order No: 2026016064

ULR No: TC1262626001012018F



TC12626



Test Report

Product Classification	Cereals and Cereal Products		
Customer Name	ITC Limited- Maruthi Sevanagar		
Address	No. 18, Banaswadi Main Road, Maruthisevanagar 560005 Bangalore		
Sample Reference Name	Samba Rava , Mfg Date:19.05.2026, Exp Date:15.09.2026		
Date of Receipt	21-05-2026		
Date of Registration	21-05-2026	Date of Start of Analysis	21-05-2026
Date of End of Analysis	25-05-2026	Date of Issue of Report	25-05-2026
Batch No	24A11905		
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)	%	0.05	0.18 max	FSSAI Manual of Cereals and Cereal Products, CI.03 015 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	%	9.27	14.0 max	IS 4333 (P2): 2017
1.5	Total Ash (on dry basis)	%	1.26	2.0 max	IS 1009: 2023
2	Metals				
2.1	Arsenic as As	mg/kg	0.028	1.1 max	SAIL/FOOD/MOA/017
2.2	Cadmium as Cd	mg/kg	0.029	0.2 max	SAIL/FOOD/MOA/017
2.3	Copper as Cu	mg/kg	5.730	30.0 max	SAIL/FOOD/MOA/017
2.4	Lead as Pb	mg/kg	0.057	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	BLQ of 0.02	250.0 max	SAIL/FOOD/MOA/017
3	Mycotoxins				
3.1	Deoxynivalenol	µg/kg	BLQ of 200.00	1000 max	ELISA, RIDASCREEN FAST DON Art No R5901 R- Biopharm
3.2	Aflatoxin B ₁	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 (B ₁ , B ₂ , G ₁ , G ₂)	µg/kg	BLQ of 1.00	15.0 max	SAIL/FOOD/MOA/001
4	Other Contaminants				
4.1	Melamine	mg/kg	BLQ of 0.050	2.5 max	SAIL/FOOD/MOA/115
4.2	Uric Acid	mg/kg	BLQ of 5.00	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	Bitertanol	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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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 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 Malafoxon)	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	Pyraclostrobin	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	E.coli O157	/25g	Absent	Absent	IS 16426:2017
6.2	Listeria monocytogenes	/25g	Absent	Absent	IS 14988(Part 1):2020
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 was found to be fit for analysis wrt the Visual and Organoleptic Attributes and 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

Chemical

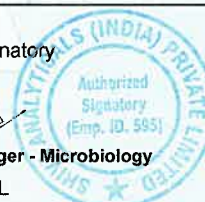
Balachandran G



Authorised Signatory

Assistant Manager - Microbiology

Parthasarathy L



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