



TEST REPORT

Party Code : A/DLH/19526
*Issued to : Ajay Dalal

RZ-10, Baba Haridas Nagar, Near New Anaj Mandi,
Najafgarh, New Delhi-110043 - .

*Sample Name : Catch Turmeric Powder

*Mfg. by : Gobind Ram Kahan Chand

*Mfg. Date : 05/09/2025

*Exp.Date/Best Before : 04/09/2026

ULR : TC1122026100000275F

REPORT NO. : FS0117004326/N

*Customer Ref.No. : NS

*Reference Date : 17/01/2026

Date of Receiving : 17/01/2026

Date of Issue : 31/01/2026

Start Date of Analysis : 17/01/2026

Date of Completion : 30/01/2026

Sample Condition : OK

Sample Packing : Polypack

*FSSAI Lic. No : NS

*Sample Qty. : 02x200 gm

*Batch No./Lot No. : 01 3CYH28-127

Test Method Deviation : NA

Sample Collection : Sample Collected By Us

RESULTS OF ANALYSIS

Reference : as per Party's Requirement

Description : Turmeric Powder

S.No.	Test Parameters	Units	Results	Limits (as per FSSR-2011)	Test Method
1	Total Ash (ODB)	%	6.11	NMT 9.0	IS 1797:2017
2	Added colouring matter	-	Free from Added colouring matter	It shall be free from	FSSAI manual food additive
3	Moisture	%	7.60	NMT 10.0	IS 1797:2017
4	Ash insoluble in dilute HCL (ODB)	%	0.41	NMT 1.5	IS 1797:2017
5	Starch	%	52.45	NMT 60.0	IS 4706(P-2) : 1978
6	Foreign starch	-	Free from Foreign starch	Shall be Free from foreign	SIMA/FDL/STP/001
7	Odour	-	Characteristic	Characteristic	SIMA/FDL/STP/001
8	Free from mustiness	-	Free from Free from mustiness	Shall be Free from mustiness	SIMA/FDL/STP/001
9	Free from mould	-	Free from Free from mould	Shall be Free from mould	SIMA/FDL/STP/001
10	Free from living insects	-	Free from Free from living insects	Shall be Free from living insect	SIMA/FDL/STP/001



Rupa Rani
Reviewed By

Pratibha Rawat
Tech. Manager Micro

Authorized Signatory

Bhoopendra Singh
Tech. Manager

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11	Free from dead insects	-	Free from Free from dead insects	Shall be Free from dead insect	SIMA/FDL/STP/001
12	Free from insect fragments	-	Free from insect fragments	Shall be Free from insect	SIMA/FDL/STP/001
13	Free from rodent contamination	-	Free from rodent contamination	Shall be Free from rodent	SIMA/FDL/STP/001
14	Lead chromate	-	Negative	Negative	FSSAI 10.033:2021
15	Curcumin (ODB)	%	3.77	NLT 2.0	IS 10925:1995
16	Sudan Dye	-	Absent	Absent	SIMA/FDL/STP/001
17	Metanil yellow	-	Absent	Absent	FSSAI Manual of simple method
Pesticide residues:					
18	2,4-D Amine Salt	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
19	2,4-Dichlorophenoxy Acetic Acid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
20	Abamectin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
21	Acephate (expressed as mixture of Methamidophos & acephate)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
22	Acetamiprid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
23	Alachlor	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
24	Alpha Cypermethrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
25	Alpha naphthyl Acetic Acid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
26	Ametroctradin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
27	Ametyrn	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
28	Anilophos	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
29	Atrazine	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
30	Azimsulfuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
31	Azoxystrobin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
32	Benfuracarb	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
33	Benomyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
34	Bensulfuron Methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
35	Bentazone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
36	Beta Cyfluthrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
37	Bifenthrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003



Rupa Rani
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Reviewed By

Pratibha Rawat
Pratibha Rawat
Tech. Manager Micro

Authorized Signatory
Bhoopendra Singh
Bhoopendra Singh
Tech. Manager

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38	Bispyribac Sodium	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
39	Bitertanol	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
40	Boscalid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
41	Buprofezin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
42	Butachlor	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
43	Captan	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
44	Carbaryl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
45	Carbendazim	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
46	Carbofuran (sum of carbofuran and 3-hydroxy carbofuran expressed as carbofuran)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
47	Carbosulfan	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
48	Carfentrazone Ethyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
49	Carpropamid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
50	Cartap Hydrochloride	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
51	Chlorantraniliprole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
52	Chlorfenapyr	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
53	Chlorfluazuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
54	Chlorimuron ethyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
55	Chlormequat Chloride (CCC)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
56	Chlorothalonil	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
57	Chlorpropham	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
58	Chlorpyrifos	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
59	Chlothianidin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
60	Chromafenozide	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
61	Cinmethylen	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
62	Clodinafop-propargyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
63	Clomazone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
64	Copper Hydroxide (Copper determined as elemental copper)	mg/kg	4.414	Max. 5.0	SIMA/INS/STP/004
65	Copper Oxychloride(Copper determined as elemental copper)	mg/kg	4.414	Max. 5.0	SIMA/INS/STP/004



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66	Copper Sulphate (Copper determined as elemental copper)	mg/kg	4.414	Max. 5.0	SIMA/INS/STP/004
67	Cuprous Oxide (Copper determined as elemental copper)	mg/kg	4.414	Max. 5.0	SIMA/INS/STP/004
68	Cyantranilipole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
69	Cyazofamid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
70	Cyflumetofen	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
71	Cyhalofop-butyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
72	Cymoxanil	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
73	Cypermethrin (sum of isomers)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
74	Deltamethrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
75	Diaphenhiuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
76	Dichlorvos (DDVP)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
77	Diclofop	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
78	Diclosulam	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
79	Dicofol	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
80	Difenoconazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
81	Diflubenzuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
82	Dimethoate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
83	Dimethomorph	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
84	Dinocap	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
85	Dinotefuran	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
86	Dithianon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
87	Dithiocarbamates as CS ₂	mg/kg	BLQ (LOQ 0.02)	Max. 2	SIMA/INS/STP/003
88	Diuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
89	Dodine	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
90	Edifenphos	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
91	Emamectin Benzoate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
92	Epoxyconazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
93	Ethephon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
94	Ethion	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003



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95	Ethofenprox	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
96	Ethoxysulfuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
97	Etoxazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
98	Famoxadone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
99	Fenamidone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
100	Fenarimol	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
101	Fenazaquin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
102	Fenobucarb (BPMC)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
103	Fenoxaprop-p-ethyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
104	Fenpropathrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
105	Fenpyroximate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
106	Fenvalerate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
107	Fipronil	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
108	Fonicamid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
109	Fluazifop-p-butyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
110	Flubendiamide	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
111	Flucetosulfuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
112	Fluchloralin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
113	Flufenacet	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
114	Fluopicolide	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
115	Fluopyram	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
116	Flupyradifurone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
117	Flusilazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
118	Fluvalinate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
119	Fluxapyroxad	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
120	Fomesafen	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
121	Forchlorfenuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
122	Fosetyl-Al	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
123	Glufosinate Ammonium	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
124	Glyphosate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
125	Halosulfuron methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003

*Rupa Rani*Rupa Rani
Reviewed By*Pratibha Rawat*Pratibha Rawat
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Authorized Signatory

*Bhoopendra Singh*Bhoopendra Singh
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S.No.	Test Parameters	Units	Results	Limits (as per FSSR-2011)	Test Method
126	Haloxypop-R Methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
127	Hexaconazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
128	Hexazinone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
129	Hexythiazox	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
130	Hydrogen Cyanamide	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
131	Imazamox	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
132	Imazethapyr	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
133	Imidacloprid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
134	Indoxacarb	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
135	Iodosulfuron Methyl Sodium	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
136	Iprobenfos (Kitazin)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
137	Iprodione	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
138	Isoprothiolane	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
139	Isoproturon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
140	Kasugamycin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
141	Kresoxim Methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
142	Lambda cyhalothrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
143	Linuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
144	Lufenuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
145	Malathion	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
146	Mandipropamid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
147	Mepiquat Chloride	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
148	Mesosulfuron Methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
149	Metaflumizone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
150	Metalaxyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
151	Metalaxyl-M	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
152	Methabenzthiazuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
153	Methomyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
154	Methyl Chlorophenoxy Acetic Acid (MCPA)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
155	Methyl Parathion	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003

*Rupa Rani*Rupa Rani
Reviewed By*Pratibha Rawat*Pratibha Rawat
Tech. Manager Micro

Authorized Signatory

*Bhoopendra Singh*Bhoopendra Singh
Tech. Manager**Remarks:** 1. This Test Report is not valid without a hologram.

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Website : www.simalab.net | www.simalab.com



TC-11220

**TEST REPORT**

ULR : TC1122026100000275F

Party Code

: A/DLH/19526

REPORT NO.

: FS0117004326/N

S.No.	Test Parameters	Units	Results	Limits (as per FSSR-2011)	Test Method
156	Metolachlor	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
157	Metrafenone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
158	Metribuzin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
159	Metsulfuron Methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
160	Milbemectin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
161	Monocrotophos	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
162	Myclobutanil	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
163	Novaluron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
164	Orthosulfamuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
165	Oxadiazyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
166	Oxadiazon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
167	Oxydemeton-Methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
168	Oxyfluorfen	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
169	Paclobutrazol	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
170	Paraquat dichloride	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
171	Penconazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
172	Pencycuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
173	Pendimethalin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
174	Penoxuslum	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
175	Permethrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
176	Phenthoate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
177	Phorate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
178	Phorate sulfone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
179	Phorate sulfoxide	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
180	Phosalone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
181	Picoxystrobin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
182	Pinoxaden	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
183	Pirimiphos-methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
184	Pretilachlor	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
185	Profenofos	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
186	Prohexadione calcium	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003

*Rupa Rani*

Rupa Rani

Reviewed By

Pratibha Rawat

Pratibha Rawat

Tech. Manager Micro

Authorized Signatory

Bhoopendra Singh

Bhoopendra Singh

Tech. Manager

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TC-11220

**TEST REPORT**

ULR : TC1122026100000275F

Party Code : A/DLH/19526

REPORT NO. : FS0117004326/N

S.No.	Test Parameters	Units	Results	Limits (as per FSSR-2011)	Test Method
187	Propanil	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
188	Propaquizafop	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
189	Propargite	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
190	Propiconazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
191	Propineb	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
192	Pymetrozine	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
193	Pyraclostrobin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
194	Pyrazosulfuron ethyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
195	Pyridalyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
196	Pyriproxyfen	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
197	Pyriitholac Sodium	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
198	Quinalphos	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
199	Quizalofop ethyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
200	Quizalofop-P-tefuryl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
201	Sodium Acefloufen	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
202	Sodium Para Nitro Phenolate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
203	Spinetoram	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
204	Spinosad	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
205	Spiromesifen	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
206	Spirotetramat	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
207	Sulfentrazone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
208	Sulfosulfuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
209	Sulfoxaflor	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
210	Sum of benomyl and carbendazim expressed as carbendazim	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
211	Tebuconazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
212	Tembotrione	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
213	Tetraconazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
214	Thiacloprid	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
215	Thiamethoxam	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
216	Thifluzamide	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003

Rupa Rani
Reviewed ByPratibha Rawat
Tech. Manager Micro

Authorized Signatory

Bhoopendra Singh
Tech. Manager

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TC-11220



TEST REPORT

ULR : TC1122026100000275F

Party Code : A/DLH/19526

REPORT NO. : FS0117004326/N

S.No.	Test Parameters	Units	Results	Limits (as per FSSR-2011)	Test Method
217	Thiocyclam Hydrogen Oxalate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
218	Thiodicarb	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
219	Thiometon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
220	Thiometon sulfoxide	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
221	Thiophanate-Methyl	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
222	Tolfenpyrad	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
223	Topramezone	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
224	Triaccontanol	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
225	Triadimefon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
226	Triallate	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
227	Triazophos	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
228	Triasulfuron	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
229	Trichlorfon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
230	Tricyclazole	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
231	Tridemorph	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
232	Trifloxystrobin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
233	Trifluralin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
234	Validamycin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
235	Aldicarb	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
236	Aldrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
237	Chlordane (Total of cis- and trans-chlordane)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
238	Dieldrin	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
239	Heptachlor (heptachlor metabolite, heptachlor epoxide)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
240	Lindane (Gamma HCH), Alpha HCH, Beta HCH & delta-HCH)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
241	Endosulfan (Total of alpha endosulfan & beta endosulfan and endosulfan sulphate)	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
242	Phosphamidon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
243	Captafol	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003



Rupa Rani

Rupa Rani
Reviewed By

Pratibha Rawat

Pratibha Rawat
Tech. Manager Micro

Authorized Signatory

Bhoopendra Singh

Bhoopendra Singh
Tech. Manager

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TC-11220

**TEST REPORT**

ULR : TC1122026100000275F

Party Code : A/DLH/19526

REPORT NO. : FS0117004326/N

S.No.	Test Parameters	Units	Results	Limits (as per FSSR-2011)	Test Method
244	Ferbam	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
245	Formothion	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
246	Simazine	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
247	Diazinon	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
248	Fenitrothion	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
249	Fenthion	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
250	Ethyl Parathion	mg/kg	BLQ (LOQ 0.01)	Max. 0.01	SIMA/INS/STP/003
251	DDT (Total of p,p'-DDT, o,p'-DDT, p,p-DDE, o,p-DDE, p,p-DDD & o,p'-DDE)	mg/kg	BLQ (LOQ 0.01)	Max. 0.05	SIMA/INS/STP/003

Heavy metals

252	Lead (as Pb)(ODB)	mg/kg	0.034	Max. 10.0	SIMA/INS/STP/004
253	Arsenic (as As)	mg/kg	BLQ (LOQ 0.20)	Max. 0.100	SIMA/INS/STP/004
254	Cadmium (as Cd)	mg/kg	0.037	Max. 0.100	SIMA/INS/STP/004
255	Mercury (as Hg)	mg/kg	BLQ (LOQ 0.20)	Max. 1.0	SIMA/INS/STP/004
256	Copper (as Cu)	mg/kg	4.414	Max. 5.0	SIMA/INS/STP/004
257	Tin (as Sn)	mg/kg	BLQ (LOQ 0.10)	Max. 0.010	SIMA/INS/STP/004

Other contaminations:

258	Melamine	mg/kg	BLQ (LOQ 0.25)	Max. 2.5	SIMA/INS/STP/024
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Crop contaminants

259	Total Aflatoxin	µg/kg	BLQ (LOQ 4.0)	Max. 30	SIMA/INS/STP/006
260	Aflatoxin B1	µg/kg	BLQ (LOQ 1.0)	Max. 15	SIMA/INS/STP/006

Microbiological parameters:

261	Salmonella	per 25g	Absent	Absent	IS 5887(P-3) Sec. 1:2020
262	Staphylococcus aureus	cfu/g	<10	Max 1 X 10 ³	IS 5887 (P-2):1976
263	Enterobacteriaceae	cfu/g	<10	Max 1 X 10 ³	ISO 21528 (P-2):2017
264	Yeast & Mould count	cfu/g	<10	Max 1 X 10 ⁵	IS 5403:1999
265	Sulphite Reducing Clostridia	cfu/g	<10	Max 1 X 10 ³	ISO 15213-1:2023
266	B.cereus	cfu/g	<10	Max 1 X 10 ⁴	IS:5887(P-6):2012
267	Aerobic Colony Count	cfu/g	627	Max 1 X 10 ⁷	IS:5402(P-1):2021

*Rupa Rani*Rupa Rani
Reviewed By*Pratibha Rawat*Pratibha Rawat
Tech. Manager Micro**Authorized Signatory***Bhoopendra Singh*Bhoopendra Singh
Tech. Manager**Remarks:** 1. This Test Report is not valid without a hologram.

- The Results listed refer only to the above tested sample & applicable parameters. Endorsement of products is neither inferred nor implied.
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- SIMA Stands for : Sophisticated Industrial Materials Analytic

Page : 10 of 11

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SIMA LABS

**Sophisticated Industrial Materials
Analytic Labs Pvt. Ltd.**

(GOVT. APPROVED TESTING LABORATORIES)

Address : A-3/7, Mayapuri Industrial Area,
Ph-II, New Delhi - 110064

Phone : +(91)-(011) 43854300

Email : reports@simalab.com

CIN No : U74899DL1988PTC031785

Website : www.simalab.net | www.simalab.com



TEST REPORT

ULR : TC1122026100000275F

REPORT NO. : FS0117004326/N

Party Code : A/DLH/19526

Remark : The submitted sample conforms to the requirement of Food Safety and Standards Regulation (2011) with respect to above specified test parameters only.

BLQ = Below Limit of Quantification, LOQ = Limit of Quantification

--- End of Test Report ---



Rupa Rani

Rupa Rani
Reviewed By

Pratibha Rawat

Pratibha Rawat
Tech. Manager Micro

Authorized Signatory

Bhoopendra Singh

Bhoopendra Singh
Tech. Manager

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**SIMA LABS****Sophisticated Industrial Materials
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Phone : +(91)-(011) 43854300

Email : reports@simalab.com

CIN No : U74899DL1988PTC031785

Website : www.simalab.net | www.simalab.com

**TEST REPORT**

Party Code : A/DLH/19526

*Issued to : Ajay Dalal

RZ-10, Baba Haridas Nagar, Near New Anaj Mandi,
Najafgarh, New Delhi-110043 - .

*Sample Name : Catch Turmeric Powder

*Mfg. by : Gobind Ram Kahan Chand

*Mfg. Date : 05/09/2025

*Exp.Date/Best Before : 04/09/2026

REPORT NO. : FS0117004326/O

*Customer Ref.No. : NS

*Reference Date : 17/01/2026

Date of Receiving : 17/01/2026

Date of Issue : 31/01/2026

Start Date of Analysis : 17/01/2026

Date of Completion : 30/01/2026

Sample Condition : OK

Sample Packing : Polypack

*FSSAI Lic. No : NS

*Sample Qty. : 02x200 gm

*Batch No./Lot No. : 01 3CYH28-127

Test Method Deviation : NA

Sample Collection : Sample Collected By Us

RESULTS OF ANALYSIS

Reference : as per Party's Requirement

	Test Parameters	Units	Results	Limits (as per FSSR-2011)	Test Method
Heavy metals					
1	Methyl Mercury (Calculated as the element)	mg/kg	BLQ (LOQ 0.20)	Max 0.250	SIMA/INS/STP/004

Remark : The submitted sample conforms to the requirement of Food Safety and Standards Regulation (2011) with respect to above specified test parameters only.

BLQ = Below Limit of Quantification. , LOQ = Limit of Quantification

--- End of Test Report ---



Rupa Rani

Reviewed By

Pratibha Rawat

Tech. Manager Micro

Authorized Signatory

Bhoopendra Singh

Tech. Manager

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Page : 1 of 1

SB

Photometric

W
D λ : 425.0 nm

Data : 0.592 Abs

K * Data : 1.1834

1.Fac. K : 2.0000

Input item No. (START:Measure)

%T / Abs	SmpICmpt	MeasScrn	SavParam
----------	----------	----------	----------





Doc. Name: Record of Analysis (Raw Data Sheet)

Doc. No.: 7.4/F-04	Sect. No. 7.4	Section Title: Process Requirements (Handling of Test Items)		
Issue No.: 01	Issue Date: 10.01.2022	Rev. No. 01	Rev. Date: 11.12.23	Amend No. FS0117004326
Name of Sample:			Potency	Catch Turmeric Powder
Batch No. :			Sample Code	

Batch No. 01 3C/H28-127

Moisture

Sample weight	25.0016
Titre value	1.9
Calculation	$Tv \times 100 / Swt$
Result, %	7.60

Total ash, %(ODB)

w1	wt of crucible ,g	38.6652	
w2	crucible wt + sample wt, g	43.7017	
w3	sample wt, g	5.0365	
w4	Ash + crucible wt ,g	38.9498	
	Moisture	7.60	92.40
	Calculation	$[(w4-w1) \times 100 \times 100 / w3 / (100-M)]$	
	Result %	5.65	6.11

Acid insoluble ash, %(ODB)

w1	wt of crucible ,g	36.6652	
w2	crucible wt + sample wt, g	41.7017	
w3	sample wt, g	5.0365	
w4	Ash + crucible wt ,g	36.6843	
	Moisture	7.60	92.40
	Calculation	$[(w4-w1) \times 100 \times 100 / w3 / (100-M)]$	
	Result %	0.38	0.41

Pankaj
Done by

Ques
Checked By

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Rashmi Kashyap Quality Executive	B. S. RAJWAR		Rashmi Kashyap Quality Executive
Signature & Date	Rashmi Kashyap 11/12/23	BR 11/12/23		Rashmi Kashyap 11/12/23

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MASTER COPY



Doc. Name: Record of Analysis (Raw Data Sheet)

Doc. No.: 7.4/F-04	Sect. No. 7.4	Section Title: Process Requirements (Handling of Test Item)		
Issue No.: 01	Issue Date: 10.01.2022	Rev. No. 01	Rev. Date: 11.12.23	FS0117034326 Catch Turmeric Powder
Name of Sample:		Potency :		
Batch No. :		Sample Code : Batch No. 01 3C/H28-127		

Starch(ODB)

Sample weight,g	0.5014	
DF(mg)	51	
Titre value,ml	48.8	1.045
Moisture	7.6	92.4
Starch		
Calculation	$9.3 \times tv \times 250 / swt / 100$	
Result, %	48.46	
ODB	52.45	

Curcumin(ODB)

Sample weight,g	0.1011	
Absorbance	0.592	
Moisture	7.6	92.4
Calculation	$Abs \times 100 / 1 \times 168 \times Swt$	
Result, %(ODB)	3.49	3.77

Lead chromate

Pink colour didn't appear

Free from added colouring matter
Free from foreign starch
Free from mustiness
Free from mould
Free from living insect
Free from dead insect
Free from insect fragment
Free from rodent contamination

Sudan dye : Red colour didn't appear in methanolic layer.
Metanil yellow: Pink colour didn't appear on the sample.

Done by

Checked By

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Rashmi Kashyap Quality Executive	B. S. RAJWAR		Rashmi Kashyap Quality Executive
Signature & Date		BR 11/12/23		

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		SOPHISTICATED INDUSTRIAL MATERIALS ANALYTIC LABS PRIVATE LIMITED A-3/7, MAYAPURI INDUSTRIAL AREA, PHASE-II, NEW DELHI-110064			Page 1 of 1	
Doc. Name: Record of Analysis (Raw Data Sheet)						
Doc. No.: 7.4/F-04		Sect. No. 7.4		Section Title: Process Requirements (Handling of Test Items)		
Issue No.: 01	Issue Date: 10.01.2022	Rev. No. 01	Rev. Date: 11.12.23	Amend. No.: 01	Amend. Date: 11.12.23	
Name of Sample:				Potency :		
Batch No. :				Sample Code :		
				 FS0117004326 Catch Turmeric Powder		

Batch No. 01 3CYH28-127

AFLATOXIN

SIMA/INS/STP/006

Sample Weight = 5.00817g
Volumn = 10ml

Result= Total Aflatoxin =BLQ (LOQ 4.0)µg/kg
AFLATOXIN B1 = BLQ (LOQ 1.0)µg/kg

MELAMINE

SIMA/INS/STP/024

Sample Weight = 2.00247g
Volumn = 14 ml
Result= BLQ (LOQ 0.25)mg/kg

Done by

Checked By

	Prepared by Rishabh Kashyap Quality Executive	Reviewed by B. S. RAJWAR	Approved by B. S. RAJWAR	Issued by Rishabh Kashyap Quality Executive
Name & Designation	Rishabh Kashyap Quality Executive	B. S. RAJWAR	B. S. RAJWAR	Rishabh Kashyap Quality Executive
Signature & Date	Rishabh Kashyap 11/12/23	B. S. RAJWAR 11/12/23	B. S. RAJWAR 11/12/23	Rishabh Kashyap 11/12/23

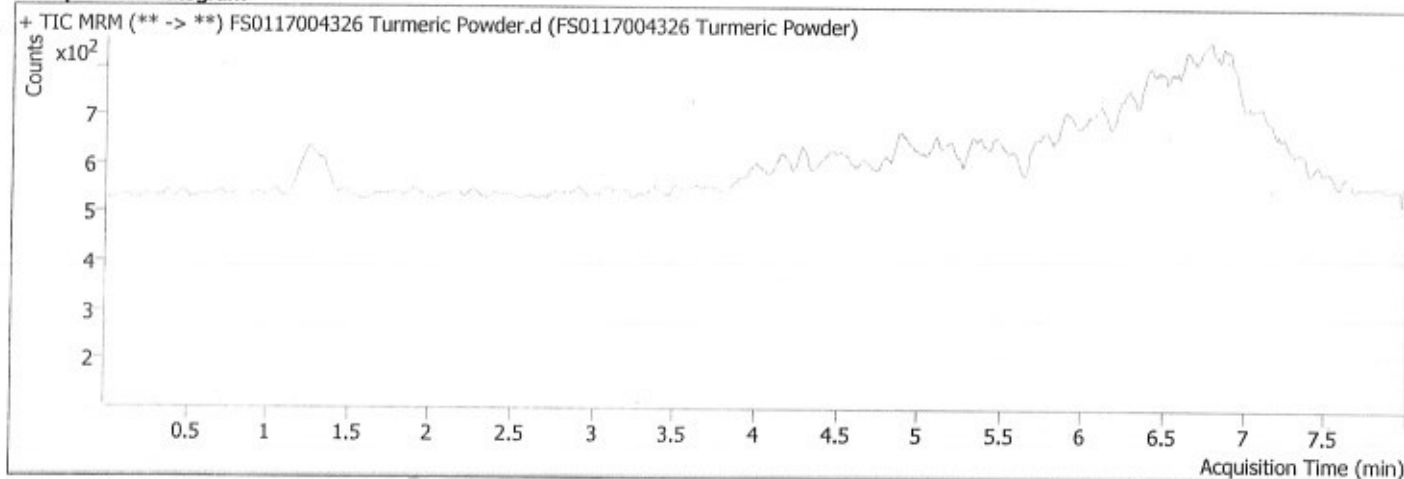
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Quantitative Analysis Sample Report

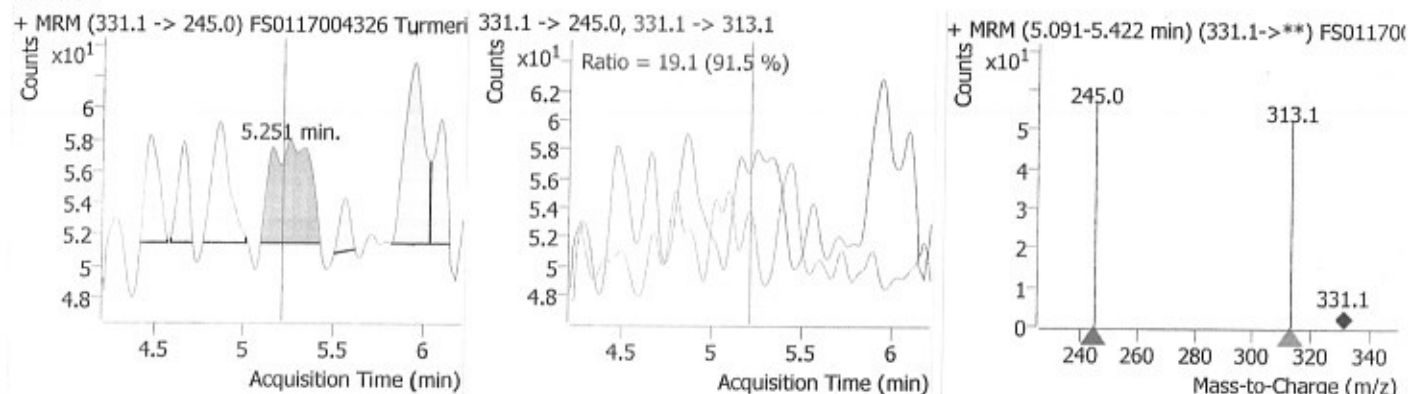
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 Analysis Time 1/23/2026 11:53 AM Analyst Name LCMSMS\LC-MSMS1
 Report Time 1/23/2026 11:53:45 AM Reporter Name LCMSMS\LC-MSMS1
 Last Calib Update 1/23/2026 11:53 AM Batch State Processed
 Quant Batch Version 10.0 Quant Report Version 10.0
 Acq. Time 1/22/2026 11:20 PM Data File FS0117004326 Turmeric Powder.d
 Sample Type Sample Sample Name FS0117004326 Turmeric Powder
 Dilution 1 Acq. Method Afla_trail.m

Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
AFLA-G2	331.1 -> 245.0	5.251	96	0.1603	ng/ml
AFLA-B2	315.1 -> 287.1	5.351	256	0.1963	ng/ml
AFLA-G1	329.1 -> 243.1	5.339	43	0.1407	ng/ml
AFLA-B1	313.1 -> 241.0	5.592	55	0.1228	ng/ml

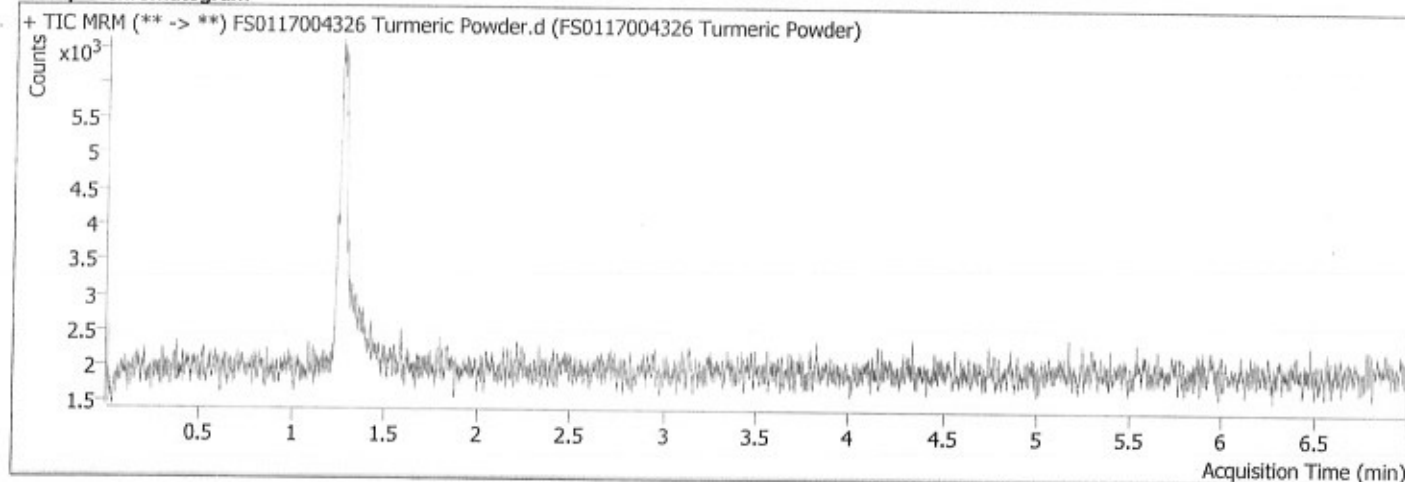
AFLA-G2



Quantitative Analysis Sample Report

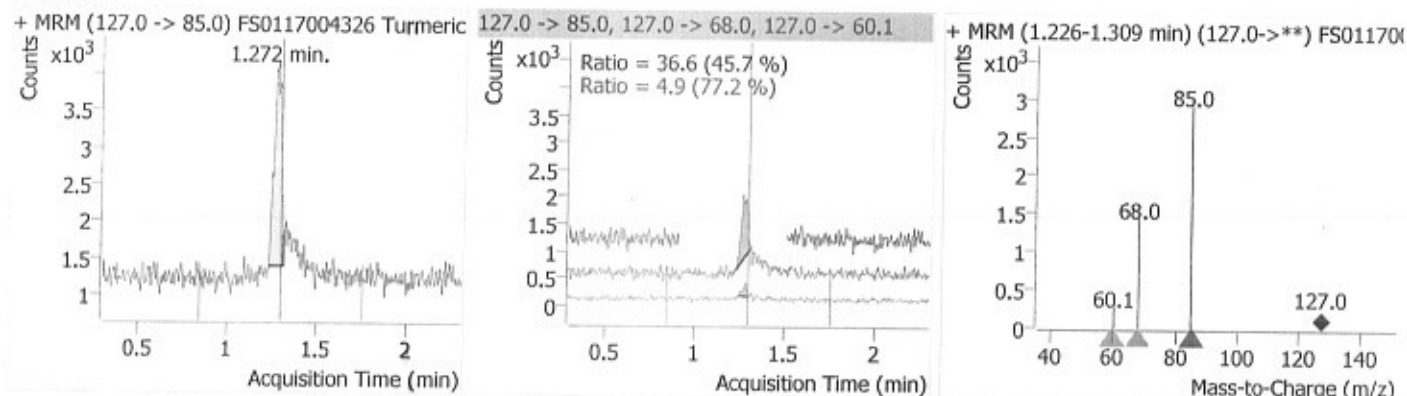
Batch Path	D:\MassHunter\Data\2026\Jan_2026\20.01.2026_Melamine\QuantResults\Melamine.batch.bin		
Analysis Time	1/21/2026 9:56 AM	Analyst Name	LCMSMS\LC-MSMS1
Report Time	1/21/2026 9:57:02 AM	Reporter Name	LCMSMS\LC-MSMS1
Last Calib Update	1/21/2026 9:56 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0
Acq. Time	1/20/2026 3:46 PM	Data File	FS0117004326 Turmeric Powder.d
Sample Type	Sample	Sample Name	FS0117004326 Turmeric Powder
Dilution	1	Acq. Method	Melamine_2024.m

Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
Melamine	127.0 -> 85.0	1.272	7594	0.0999	ng/ml

Melamine



AS

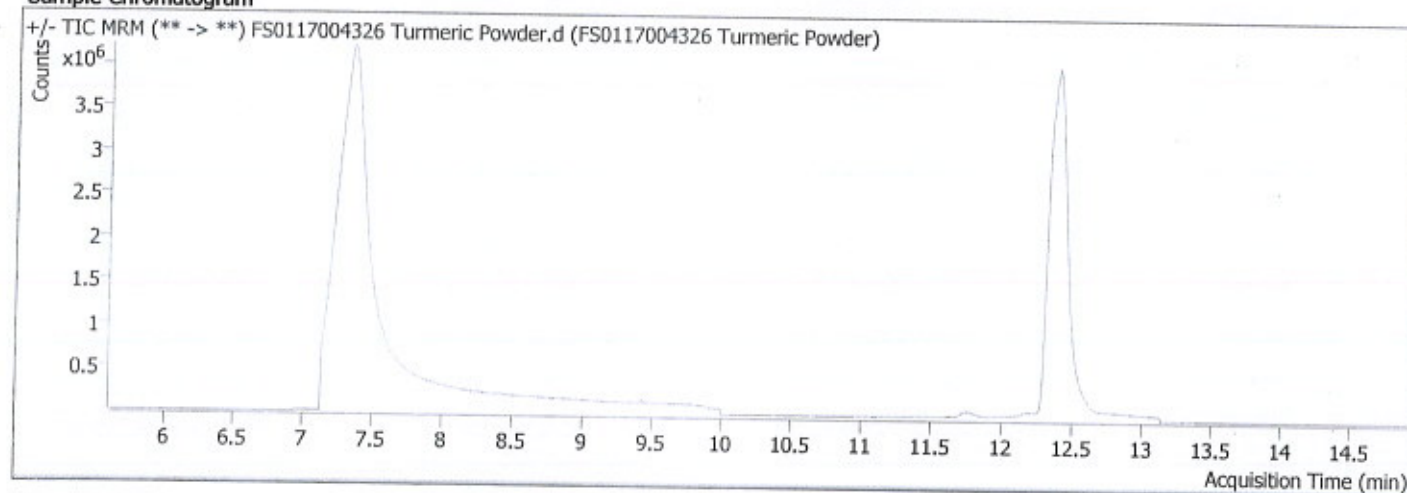
[Signature]

Quantitative Analysis Sample Report



Batch Path	D:\MassHunter\Data\2026\Jan_2026\20.01.2026_Pest\QuantResults\DMRM.batch.bin		
Analysis Time	1/23/2026 12:51 PM	Analyst Name	LCMSMS\LC-MSMS1
Report Time	1/23/2026 12:53:19 PM	Reporter Name	LCMSMS\LC-MSMS1
Last Calib Update	1/23/2026 12:51 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0
Acq. Time	1/21/2026 12:13 PM	Data File	FS0117004326 Turmeric Powder.d
Sample Type	Sample	Sample Name	FS0117004326 Turmeric Powder
Dilution	1	Acq. Method	DMRM_PEST_1023.m

Sample Chromatogram



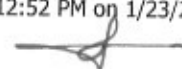
Compound	Transition	RT	Resp.	Final Conc	Units
Diclosulam	406.0 -> 161.0	7.381	13	ND	ng/ml
Pymetrozine	218.0 -> 105.1	7.826	1682	2.5434	ng/ml
Sulfoxaflor	278.1 -> 105.0	7.873	169	ND	ng/ml
Sodium Para Nitro Phenolate	162.0 -> 130.2	8.043	392	5.2216	ng/ml
Toxamezone	362.1 -> 318.1	8.126	0	ND	ng/ml
Oxydemeton methyl	247.0 -> 169.0	8.613	2257	ND	ng/ml
TFNG	249.2 -> 202.8	8.767	3448	ND	ng/ml
Methomyl	162.9 -> 88.1	8.822	199	0.1083	ng/ml
Carbendazim	192.1 -> 160.1	8.832	44545	ND	ng/ml
TFNA	192.1 -> 160.1	8.831	21131	0.9949	ng/ml
Flonicamid	230.0 -> 203.1	8.953	113	ND	ng/ml
Thiamethoxam	292.0 -> 211.0	8.888	1290	ND	ng/ml
Monocrotophos	224.2 -> 57.9	8.164	186148	0.8002	ng/ml
Validamycin	498.2 -> 336.2	8.722	0	ND	ng/ml
Thiometon Sulphoxide	263.0 -> 185.1	9.105	418	1.3862	ng/ml
Imidacloprid	256.0 -> 175.1	9.333	2832	0.8534	ng/ml
Clothiaidin	250.0 -> 169.0	9.344	231	ND	ng/ml
Acetamprid	223.0 -> 126.0	9.604	25	ND	ng/ml
Trichlorfon	257.0 -> 109.0	9.759	534	ND	ng/ml
Imazamox	306.2 -> 264.1	9.778	53	0.6166	ng/ml
Thiadoprid	253.0 -> 126.0	9.978	163	0.6876	ng/ml
1-NAAM	186.2 -> 115.1	10.096	0	ND	ng/ml
Tricyclazole	190.0 -> 163.1	10.105	322	1.4738	ng/ml
Imazethapyr	290.2 -> 177.1	10.375	1728	ND	ng/ml
Penoxsulum	484.2 -> 195.2	10.620	5	ND	ng/ml
Sulfentrazone	404.0 -> 307.0	11.207	17	ND	ng/ml
Thiodicarb	355.0 -> 87.8	10.655	4	ND	ng/ml
Cyantraniliprole	475.0 -> 286.0	10.892	8	ND	ng/ml
Metribuzin	215.1 -> 187.1	10.773	89	ND	ng/ml
Carbaryl	202.0 -> 145.0	10.816	1	0.1874	ng/ml

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[Handwritten signature]

Quantitative Analysis Sample Report

Compound	Transition	RT	Resp.	Final Conc	Units
Mesosulfuron methyl	504.1 -> 182.1	10.934	3	ND	ng/ml
Thiometon	247.0 -> 89.0	11.066	41	ND	ng/ml
1-NAA	185.1 -> 140.9	11.089	2	ND	ng/ml
Azimsulfuron	425.0 -> 182.1	11.279	29	ND	ng/ml
Metalaxyl	280.1 -> 160.1	10.783	480	ND	ng/ml
Fipronil	454.0 -> 255.0	11.195	8	4.1268	ng/ml
Metalaxyl-M	279.8 -> 219.8	11.139	833	ND	ng/ml
Iodosulfuron-Methyl	508.0 -> 167.1	11.059	2	ND	ng/ml
Isoproturon	207.2 -> 72.3	11.181	639	ND	ng/ml
Chlorantraniliprole	483.9 -> 285.9	11.205	2	ND	ng/ml
Azoxystrobin	404.0 -> 344.0	10.340	96	ND	ng/ml
Profenophos	372.9 -> 128.0	10.989	3	ND	ng/ml
Bensulfuron Methyl	411.0 -> 149.1	10.935	54	ND	ng/ml
Diuron	232.8 -> 72.0	11.317	611	ND	ng/ml
MCPA	199.0 -> 141.0	11.172	6	5.6202	ng/ml
Cartap HCL	237.7 -> 72.8	11.233	1095	ND	ng/ml
Flucetosulfuron	488.1 -> 333.0	11.508	3	ND	ng/ml
Fomesafen	456.0 -> 300.0	11.862	40	ND	ng/ml
Clomazone	240.1 -> 124.9	11.463	415	ND	ng/ml
Fenobucarb	208.1 -> 95.0	11.703	424	0.1825	ng/ml
Chlorimuran ethyl	415.0 -> 186.0	11.384	5	ND	ng/ml
Carbosulfan	381.2 -> 128.2	11.812	0	ND	ng/ml
Fluoxapyroxad	382.2 -> 233.9	11.573	54	ND	ng/ml
Ethoxysulfuron	399.1 -> 261.0	11.635	36	ND	ng/ml
Dithianon	295.9 -> 70.2	11.618	55	ND	ng/ml
Isoprothiolane	290.9 -> 188.8	11.608	1888	ND	ng/ml
Kasugamycin	380.1 -> 70.1	11.667	109	ND	ng/ml
Triadimefon	294.1 -> 197.1	11.795	8	ND	ng/ml
Triazophos	314.1 -> 162.1	11.649	1281	ND	ng/ml
Spirotetramat	374.2 -> 216.1	11.646	4123	ND	ng/ml
Flufenacet	364.0 -> 152.0	11.647	69	ND	ng/ml
Flubendiamide	408.0 -> 255.8	11.759	0	ND	ng/ml
Enamectin benzoate	886.5 -> 158.0	11.361	6	ND	ng/ml
Spinosad A	732.5 -> 142.0	11.570	0	ND	ng/ml
Fenarimol	331.0 -> 139.1	11.011	24	ND	ng/ml
Epoxyconazole	330.1 -> 121.0	11.814	1067	ND	ng/ml
Thifluzamide	524.9 -> 291.8	11.839	10	ND	ng/ml
Bupimate	316.8 -> 166.0	11.867	320	ND	ng/ml
Flusilazole	316.2 -> 247.0	11.867	341	ND	ng/ml
Metolachlor	284.0 -> 176.2	11.900	330	ND	ng/ml
Oxyfluorfen	252.0 -> 146.0	12.119	82	ND	ng/ml
Carfentrazone Ethyl	412.0 -> 346.0	11.894	44	ND	ng/ml
Hexaconazole	314.0 -> 70.1	11.878	447	ND	ng/ml
Phenthoate	321.0 -> 247.0	11.887	249	ND	ng/ml
Iprobenphos	289.1 -> 91.0	12.367	3626	ND	ng/ml
Spinosad D	746.5 -> 142.0			ND	ng/ml
Anilphos	368.2 -> 199.1	11.989	33	ND	ng/ml
Spinoteram	748.0 -> 142.1	11.986	0	ND	ng/ml
Kresoxim methyl	314.1 -> 222.2	12.002	882	ND	ng/ml
Difenconazole	406.0 -> 250.9	12.258	1624	ND	ng/ml
Pyraclostrobin	388.0 -> 194.1	12.092	431	ND	ng/ml
Indoxacarb	528.1 -> 203.1	12.049	49	ND	ng/ml
Propiconazole	342.1 -> 159.0	12.188	1724	ND	ng/ml
Novaluron	493.0 -> 158.2	12.319	37	ND	ng/ml
Phosalone	368.0 -> 182.0	12.125	402	ND	ng/ml

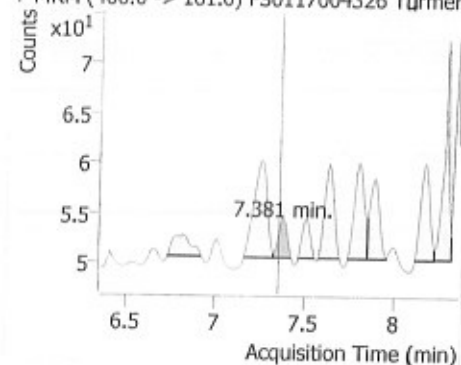



Quantitative Analysis Sample Report

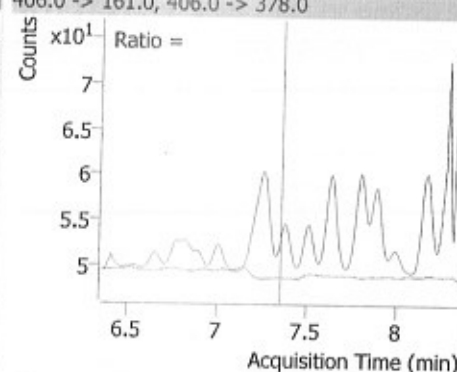
Compound	Transition	RT	Resp.	Final Conc	Units
Trifloxystrobin	409.1 -> 186.0	12.237	602	ND	ng/ml
Pencycuron	329.0 -> 125.0	12.209	1446	ND	ng/ml
Pyriproxyfen	322.1 -> 96.0	12.385	0	ND	ng/ml
Pirimiphos-methyl	306.2 -> 164.1	12.252	770	ND	ng/ml
Pretilachlor	312.2 -> 252.0	12.200	178	4.6053	ng/ml
Diafenthuron	385.2 -> 329.1	12.372	180	ND	ng/ml
Thiometon Sulphone	279.0 -> 149.0	12.388	0	ND	ng/ml
Trillate	304.0 -> 162.1	12.533	23	ND	ng/ml
Fenoxaprop-ethyl	362.1 -> 91.1	12.094	810	ND	ng/ml
Quinalphos	299.0 -> 162.9	12.502	1609	3.1278	ng/ml
Fenazaquin	307.3 -> 57.0	12.861	6498	0.6679	ng/ml
Oxydiazion	345.0 -> 185.1	12.715	155	0.8141	ng/ml
Spiromesifen	371.5 -> 272.9	12.723	179	1.7476	ng/ml
Sodium Aceflurofen	360.0 -> 316.1	12.704	18	0.9994	ng/ml
Propargit	368.1 -> 231.2	12.826	825	7.7115	ng/ml
Fenpyroximate	422.2 -> 135.0	12.957	1194	1.5595	ng/ml
Etofenprox	394.2 -> 177.1	13.878	2073	2.1966	ng/ml
Pyridalyl	492.0 -> 108.9	14.141	527	2.5909	ng/ml

Diclosulam

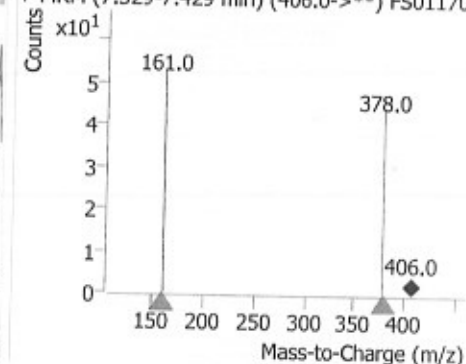
+ MRM (406.0 -> 161.0) FS0117004326 Turmeri



406.0 -> 161.0, 406.0 -> 378.0

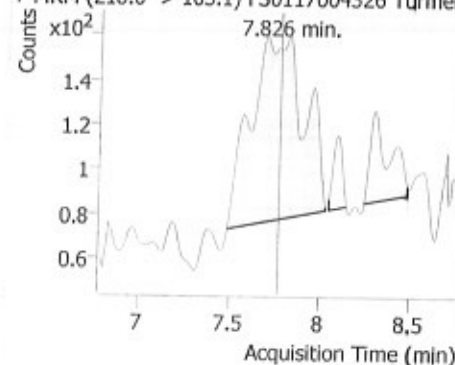


+ MRM (7.329-7.429 min) (406.0->**) FS011700

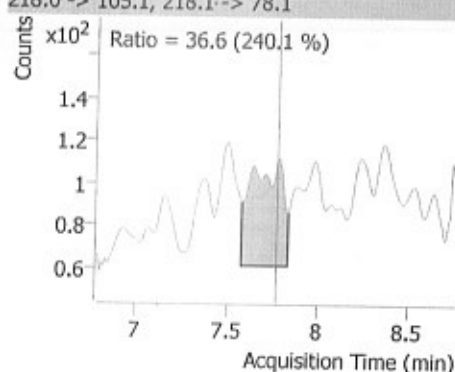


Pymetrozine

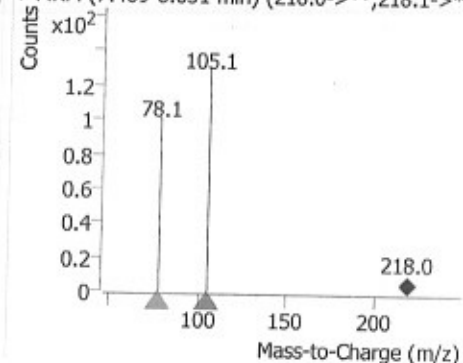
+ MRM (218.0 -> 105.1) FS0117004326 Turmeri



218.0 -> 105.1, 218.1 -> 78.1



+ MRM (7.489-8.031 min) (218.0->**,218.1->**) FS011700



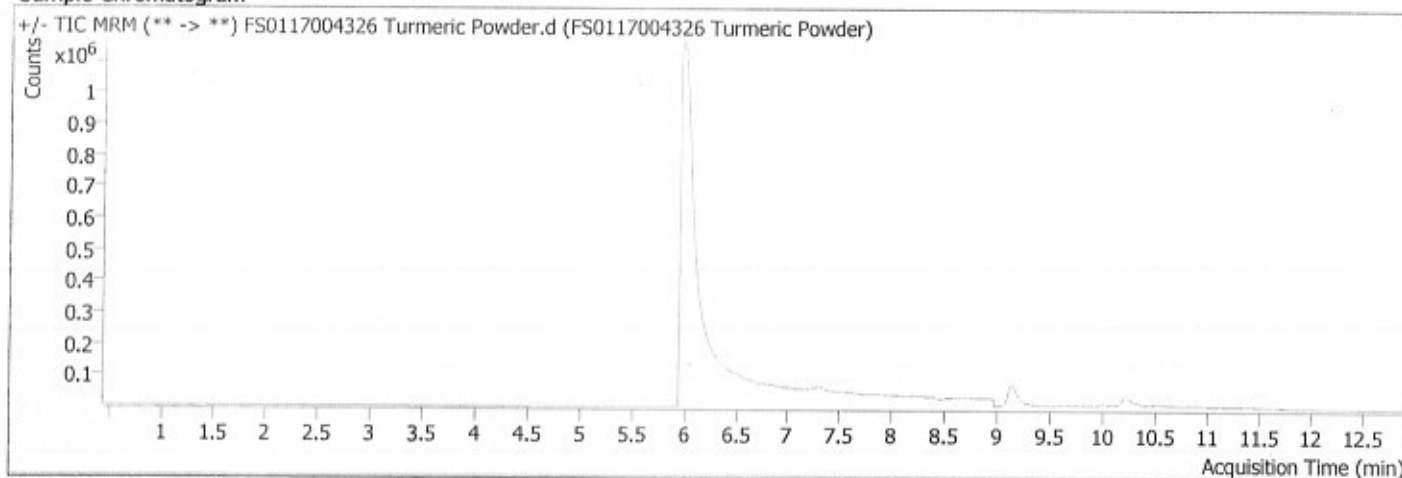
8

Signature

Quantitative Analysis Sample Report

Batch Path	D:\MassHunter\Data\2026\Jan_2026\20.01.2026_Pesticide\QuantResults\FSSAI.batch.bin		
Analysis Time	1/21/2026 4:10 PM	Analyst Name	LCMSMS\LC-MSMS1
Report Time	1/21/2026 4:12:55 PM	Reporter Name	LCMSMS\LC-MSMS1
Last Calib Update	1/21/2026 4:10 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0
Acq. Time	1/20/2026 11:22 PM	Data File	FS0117004326 Turmeric Powder.d
Sample Type	Sample	Sample Name	FS0117004326 Turmeric Powder
Dilution	1	Acq. Method	DMRM_FSSAI_1023.m

Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
Thiometon sulfoxide	263.0 -> 157.1	1.416	0	ND	ng/ml
Methamidaphos	141.9 -> 94.0	4.803	39	6.9038	ng/ml
Flubendamide	683.0 -> 273.9	5.408	0	ND	ng/ml
Thiocyclam	182.0 -> 137.0	6.166	3747	3.1073	ng/ml
Abamectin	184.0 -> 143.0	5.963	934	1.7654	ng/ml
Acephate	184.0 -> 125.0	6.003	238	2.2551	ng/ml
Dinotefuran	203.0 -> 129.0	6.714	207	0.2415	ng/ml
Diclosulam	406.0 -> 161.0	6.983	77	ND	ng/ml
Benomyl	191.9 -> 159.9	7.310	60137	ND	ng/ml
Carbendazim	192.1 -> 160.1	7.310	49265	ND	ng/ml
Topramezone	362.1 -> 334.2	6.991	1	ND	ng/ml
Carbofuran, - 3 hydroxy	238.1 -> 163.1	8.041	396	0.0219	ng/ml
2,4-D	221.0 -> 163.0	8.275	541	ND	ng/ml
Flupyradifurone	289.1 -> 126.0	8.091	594	ND	ng/ml
Dimethoate	230.0 -> 199.0	8.223	544	ND	ng/ml
Cymoxanil	199.1 -> 111.0	8.427	465	ND	ng/ml
Phosphamidon	300.2 -> 127.0	8.798	232	0.2776	ng/ml
Thiophenate methyl	343.1 -> 151.1	9.021	885	ND	ng/ml
Bentazone	241.1 -> 198.9	9.068	4	ND	ng/ml
Malaxon	315.1 -> 99.1	8.991	236	ND	ng/ml
Carbofuran	222.0 -> 122.9	9.138	267846	ND	ng/ml
Simazine	202.1 -> 96.1	9.230	448	ND	ng/ml
Fenthion sulfoxide	295.0 -> 109.1	9.360	343	ND	ng/ml
Hexazinone	253.3 -> 171.1	9.187	1260	ND	ng/ml
Tembotrione	441.2 -> 262.1	9.857	10	ND	ng/ml
Metalaxyl	280.1 -> 160.1	9.627	117	0.1905	ng/ml
Linuron	249.0 -> 160.0	9.587	58	ND	ng/ml
Metalaxyl-M	279.8 -> 219.8	9.596	104	ND	ng/ml
Iodosulfuron-Methyl	508.0 -> 167.1	9.703	1	ND	ng/ml
Isoproturon	207.2 -> 72.3	9.701	43	ND	ng/ml

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[Signature]

Quantitative Analysis Sample Report

Compound	Transition	RT	Resp.	Final Conc	Units
Methabenzthiazuron	222.1 -> 165.1	9.148	122975	ND	ng/ml
Forchlorfenuron	248.1 -> 129.1	9.720	2104	ND	ng/ml
Ametryn	228.2 -> 186.1	10.458	6501	1.1695	ng/ml
Diuron	232.8 -> 72.0	9.782	1237	ND	ng/ml
Paraquat	171.2 -> 77.0	9.496	0	ND	ng/ml
Sulfosulfuron	471.1 -> 211.1	9.857	5	0.4575	ng/ml
Fluchloralin	355.9 -> 235.9	9.829	0	ND	ng/ml
Mandipropamid	411.9 -> 328.1	9.940	2	ND	ng/ml
Fenamidone	311.9 -> 236.0	10.015	1006	ND	ng/ml
Boscalid	343.0 -> 271.0	9.573	27	ND	ng/ml
Chlorimuran ethyl	415.0 -> 186.0	10.513	50	ND	ng/ml
Dimethomorph	388.2 -> 301.0	10.811	1023	ND	ng/ml
Fluopicolide	382.9 -> 172.9	10.238	96	ND	ng/ml
Dithianon	295.9 -> 70.2	9.996	18	ND	ng/ml
Paclobutrazol	294.1 -> 70.1	10.119	671	ND	ng/ml
Propanil	218.0 -> 161.9	10.356	5965	ND	ng/ml
Myclobutanil	289.1 -> 70.1	10.119	54	ND	ng/ml
Fluopyram	397.4 -> 172.9	10.053	341	ND	ng/ml
Chromafenozide	395.2 -> 175.1	10.810	422	ND	ng/ml
Pyrazosulfuron ethyl	415.1 -> 182.0	10.288	528	ND	ng/ml
Tetraconazole	371.9 -> 159.0	10.218	0	ND	ng/ml
Halosulfuron methyl	435.1 -> 182.1	10.164	6	ND	ng/ml
Cyazofamid	325.0 -> 108.0	10.651	52	ND	ng/ml
Picoxystrobin	368.1 -> 205.1	10.269	636	ND	ng/ml
Tridemorph	298.4 -> 130.1	10.426	318	ND	ng/ml
Diflubenzuron	311.0 -> 158.0	10.498	181	ND	ng/ml
Edifenphos	311.0 -> 109.0	10.549	9141	0.0342	ng/ml
Anilphos	368.2 -> 199.1	10.239	108	ND	ng/ml
Fenthion sulphone	310.6 -> 108.7	10.446	2418	ND	ng/ml
Tebuconazole	308.1 -> 70.0	10.539	22079	ND	ng/ml
Penconazole	284.2 -> 70.0	10.520	986	ND	ng/ml
Pyraclostrobin	388.0 -> 194.1	10.504	322	ND	ng/ml
Carpropamid	334.1 -> 139.0	10.559	565	ND	ng/ml
Propioconazole	342.1 -> 159.0	10.537	2279	ND	ng/ml
Diazinon	305.1 -> 169.1	10.591	1406	ND	ng/ml
Pinoxaden	401.4 -> 317.2	10.534	3	1.0316	ng/ml
Indoxacarb	528.1 -> 149.9	10.808	41	ND	ng/ml
Bitertanol	338.3 -> 70.0	10.620	460	ND	ng/ml
Cyflumetafen	465.2 -> 249.0	10.584	16	ND	ng/ml
Metrafenone	409.1 -> 209.1	10.626	58	ND	ng/ml
Haloxifop-R-methyl	376.1 -> 316.0	10.669	148	ND	ng/ml
Ametroctradin	276.1 -> 149.0	10.283	0	ND	ng/ml
Metaflumizone	507.6 -> 177.7	11.398	29	ND	ng/ml
Benfuracarb	411.4 -> 252.2	10.810	48	0.9979	ng/ml
Fluazifop-butyl	384.0 -> 282.0	10.811	1402	ND	ng/ml
Lufenuron	511.0 -> 158.1	11.479	175	ND	ng/ml
Pretilachlor	312.2 -> 252.0	10.844	3708	ND	ng/ml
Tolfenpyrad	384.1 -> 197.0	10.943	46	ND	ng/ml
Buprofezin	306.2 -> 201.1	10.957	1214	0.8793	ng/ml
Propaquizafop	444.1 -> 100.0	11.002	213	ND	ng/ml
Etoazole	360.3 -> 141.0	11.129	768	0.4815	ng/ml
Sodium Aceflourofen	360.0 -> 316.1	11.129	14	ND	ng/ml
Hexythiazox	353.0 -> 228.1	10.997	9	ND	ng/ml
Chlorfluazuron	540.0 -> 382.9	11.357	44	0.9537	ng/ml
Pendimethalin	282.1 -> 212.1	11.102	1521	ND	ng/ml

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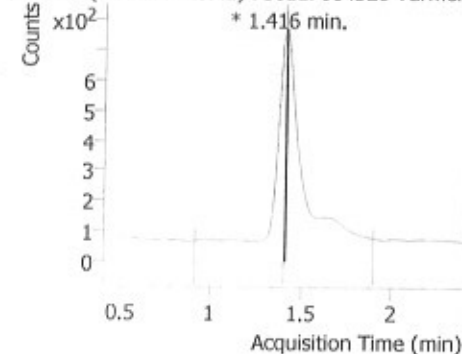
[Signature]

Quantitative Analysis Sample Report

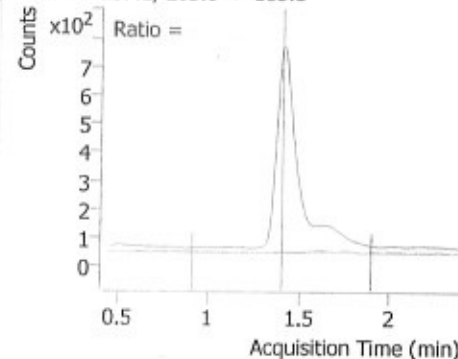
Compound	Transition	RT	Resp.	Final Conc	Units
Kasugamycin	380.1 -> 70.1	11.686	0	ND	ng/ml
Carbosulfan	381.2 -> 118.1	11.726	462	ND	ng/ml

Thiometon sulfoxide

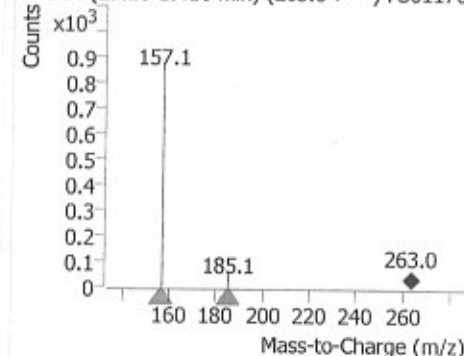
+ MRM (263.0 -> 157.1) FS0117004326 Turmeri



263.0 -> 157.1, 263.0 -> 185.1

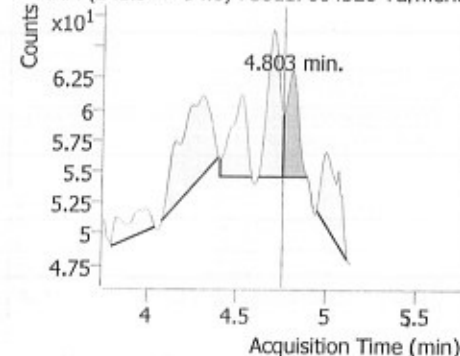


+ MRM (1.416-1.416 min) (263.0->**) FS011700

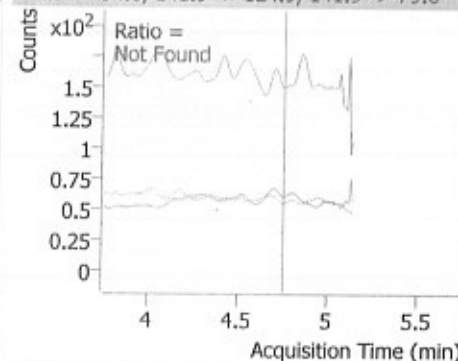


Methamidaphos

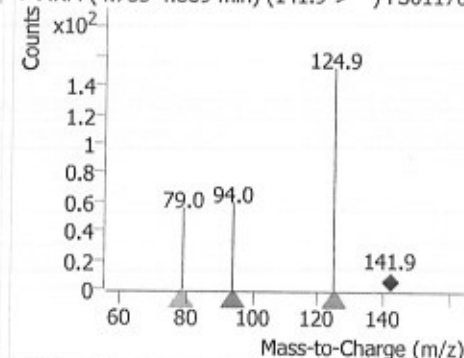
+ MRM (141.9 -> 94.0) FS0117004326 Turmeric



141.9 -> 94.0, 141.9 -> 124.9, 141.9 -> 79.0

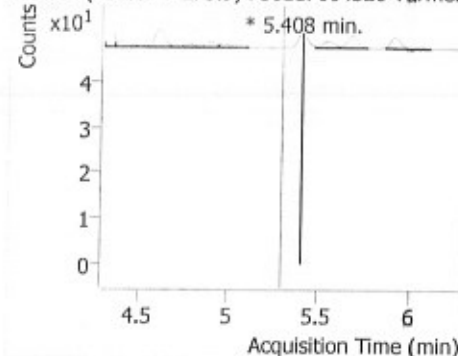


+ MRM (4.753-4.889 min) (141.9->**) FS011700

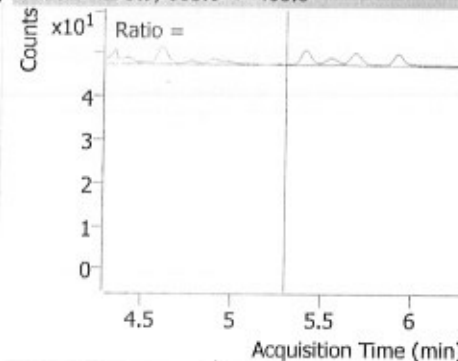


Flubendamide

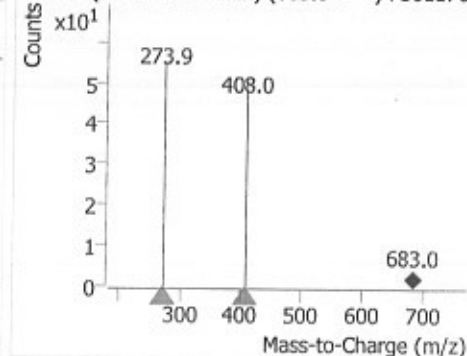
+ MRM (683.0 -> 273.9) FS0117004326 Turmeri



683.0 -> 273.9, 683.0 -> 408.0



+ MRM (5.408-5.408 min) (683.0->**) FS011700



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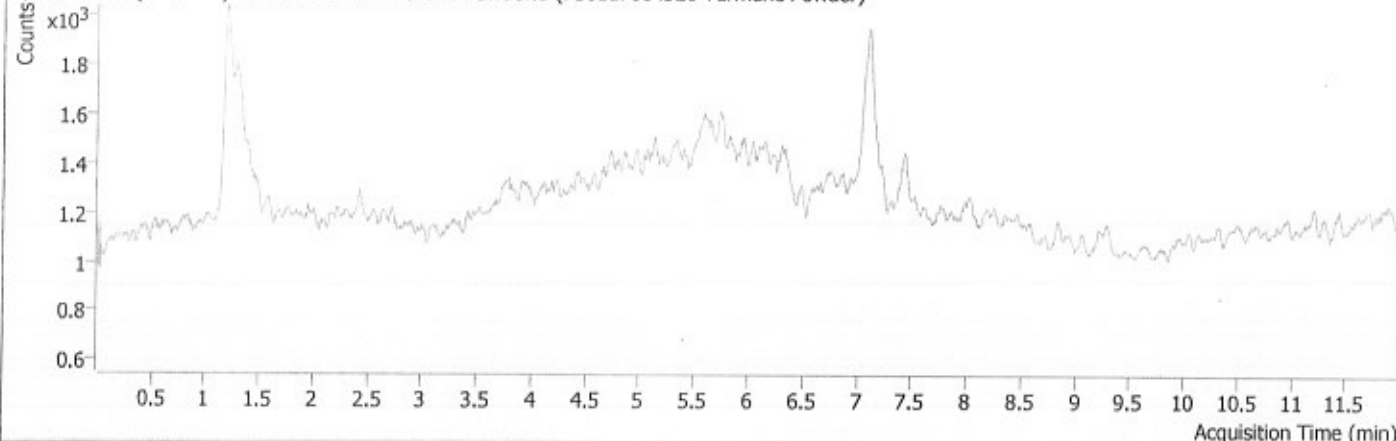
[Signature]

Quantitative Analysis Sample Report

Batch Path	D:\MassHunter\Data\2026\Jan_2026\22.01.2026_PGR\QuantResults\PFR.batch.bin		
Analysis Time	1/23/2026 11:57 AM	Analyst Name	LCMSMS\LC-MSMS1
Report Time	1/23/2026 11:57:37 AM	Reporter Name	LCMSMS\LC-MSMS1
Last Calib Update	1/23/2026 11:57 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0
Acq. Time	1/23/2026 5:00 AM	Data File	FS0117004326 Turmeric Powder.d
Sample Type	Sample	Sample Name	FS0117004326 Turmeric Powder
Dilution	1	Acq. Method	Gly-Glf_24.m

Sample Chromatogram

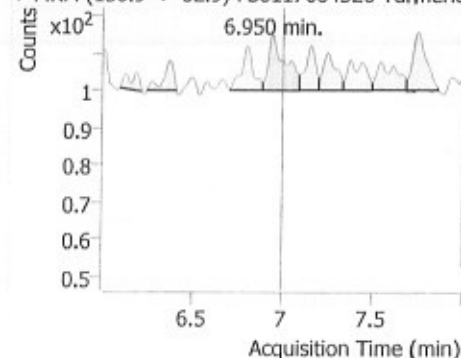
+/- TIC MRM (** -> **) FS0117004326 Turmeric Powder.d (FS0117004326 Turmeric Powder)



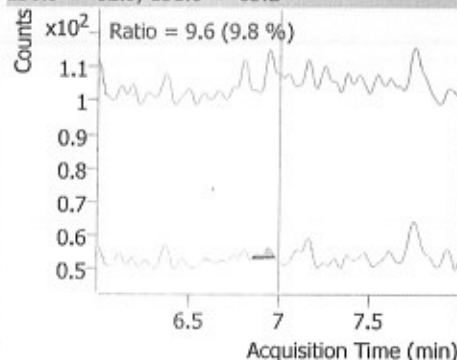
Compound	Transition	RT	Resp.	Final Conc	Units
MPPA	150.9 -> 62.9	6.950	96	ND	ng/ml
Fosetyl-Al	110.0 -> 93.0	6.936	142	ND	ng/ml
NAG	222.0 -> 122.9	7.112	4490	ND	ng/ml
Glyphosate_FMOc	425.0 -> 182.1	7.537	75	ND	ng/ml
Glufosinate Ammonium_FMOc	404.0 -> 372.2	7.613	16	ND	ng/ml

MPPA

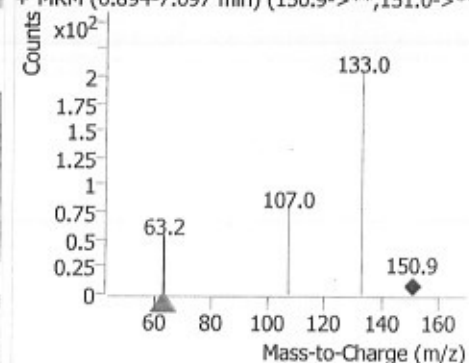
+ MRM (150.9 -> 62.9) FS0117004326 Turmeric



150.9 -> 62.9, 151.0 -> 63.2



+ MRM (6.894-7.097 min) (150.9->**,151.0->**)



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		SOPHISTICATED INDUSTRIAL MATERIALS ANALYTIC LABS PRIVATE LIMITED A-3/7, MAYAPURI INDUSTRIAL AREA, PHASE-II, NEW DELHI-110064			Page 1 of 1	
Doc. Name: Record of Analysis (Raw Data Sheet)						
Doc. No.: 7.4/F-04		Sect. No. 7.4		Section Title: Process Requirements (Handling of Test Items)		
Issue No.: 01	Issue Date: 10.01.2022	Rev. No. 01	Rev. Date: 11.12.23	Amend. No.: 01	Amend. Date: 11.12.23	
Name of Sample: Turmeric Powder			Potency :			
Batch No. :			Sample Code : FS0117004326			

Pesticides Residue

Method:- SIMA/INS/STP/003

Sample weight:- 5.00518 g

Final Volume:- 10ml

Result:- BHA (1000.01) mg/kg

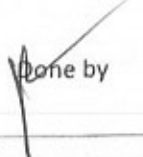
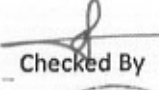
Dithiocarbamates as CS2

Method:- SIMA/INS/STP/003

Sample weight:- 10.00081 g

Final Volume:- 10ml

Result:- BHA (1000.01) mg/kg

			
Done by		Checked By	
Name & Designation	Prepared by Rishabh Kashyap Quality Executive	Reviewed by B. S. RAJWAR	Approved by B. S. RAJWAR
Signature & Date	Rishabh Kashyap 11/12/23	B. S. RAJWAR 11/12/23	Rishabh Kashyap Quality Executive 11/12/23

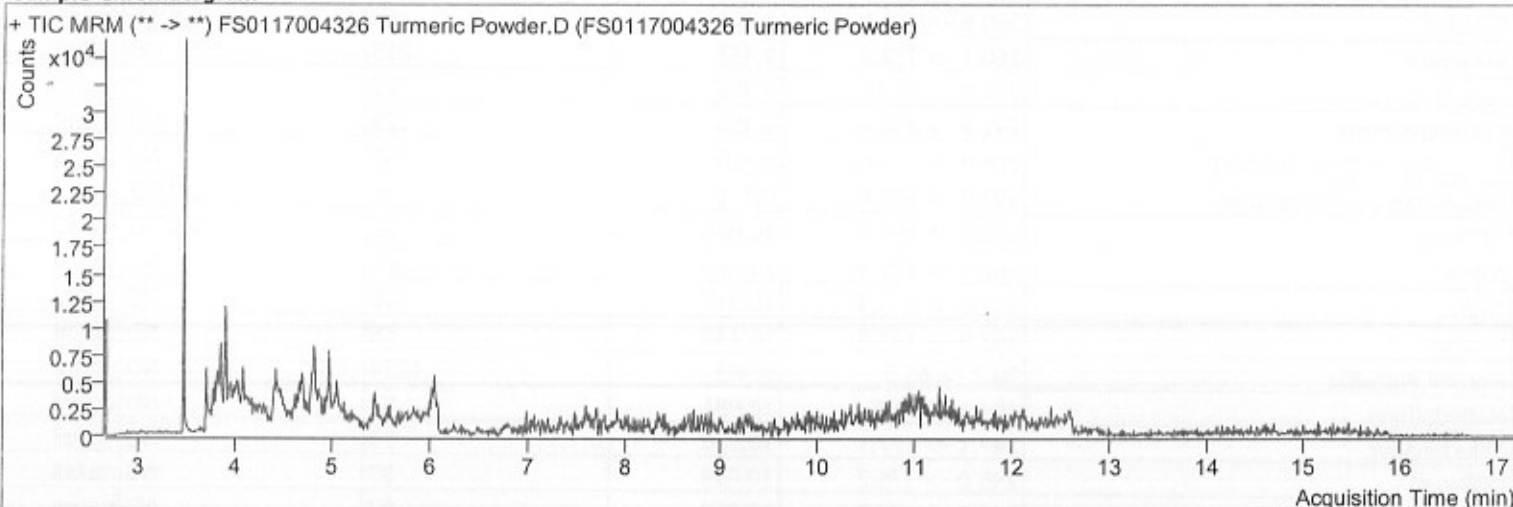
MASTER COPY

Quantitative Analysis Sample Report



Batch Path	E:\ALL DATA\DATA 2026\01 January\1\21012026\Pest\QuantResults\Pest.batch.bin		
Analysis Time	24-Jan-26 11:48 AM	Analyst Name	GCMS91\GCMSMS
Report Time	24-Jan-26 01:16:55 PM	Reporter Name	GCMS91\GCMSMS
Last Calib Update	24-Jan-26 11:48 AM	Batch State	Processed
Quant Batch Version	B.09.00	Quant Report Version	B.09.00
Acq. Time	21-Jan-26 7:57 PM	Data File	FS0117004326 Turmeric Powder.D
Sample Type	Sample	Sample Name	FS0117004326 Turmeric Powder
Dilution	1	Acq. Method	Multiresidues_dMRM_Final

Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
Dichlorvos	109.0 -> 79.0	3.472	277	ND	ng/ml
Trichlorfon	109.0 -> 78.9	3.472	277	ND	ng/ml
Atrazine	208.0 -> 63.0	4.004	24	ND	ng/ml
Captan	151.0 -> 80.0	5.067	71	ND	ng/ml
Clodina fop-Propargyl	151.0 -> 80.0	5.067	71	ND	ng/ml
Trizophos	79.0 -> 77.0	5.056	2314	ND	ng/ml
Cinmethylin	125.0 -> 89.0	6.102	0	ND	ng/ml
Chlorpropham	127.0 -> 65.1	6.075	0	ND	ng/ml
BHC-alpha (benzene hexachloride)	216.9 -> 181.0	6.278	66	ND	ng/ml
BHC-delta	217.0 -> 181.1	7.018	351	0.6557	ng/ml
BHC-beta	216.9 -> 181.1	6.396	106	0.6285	ng/ml
BHC-gamma (Lindane, gamma HCH)	216.9 -> 181.0	7.018	351	ND	ng/ml
Paraoxon	108.9 -> 81.0	7.502	676	ND	ng/ml
Diazinon	137.1 -> 84.0	7.369	68	ND	ng/ml
Fluchloralin	306.0 -> 263.9	6.814	0	ND	ng/ml
Paraoxon-methyl	108.9 -> 79.0	7.170	48	4.2064	ng/ml
Chlorpyrifos-methyl	285.9 -> 93.0	8.118	80	ND	ng/ml
Fenitrothion	125.1 -> 47.0	7.609	316	ND	ng/ml
Parathion-methyl	262.9 -> 109.0	7.799	107	6.5382	ng/ml
Propanil	166.0 -> 55.1	7.859	88	ND	ng/ml
Vinclozolin	187.0 -> 124.0	7.684	73	ND	ng/ml
Alachlor	188.1 -> 160.1	8.015	132	ND	ng/ml
Pirimiphos-methyl	290.0 -> 125.0	8.388	138	0.7711	ng/ml
Pirimiphos-ethyl	152.1 -> 84.0	7.949	268	4.8457	ng/ml
Chlorpyrifos	196.9 -> 169.0	8.448	140	ND	ng/ml
Phorate sulfone	124.9 -> 96.9	8.364	54	ND	ng/ml
Phorate	121.0 -> 65.0	8.218	69	ND	ng/ml
Fenthion	278.0 -> 109.0	8.395	98	7.9646	ng/ml
Parathion	109.0 -> 81.0	8.330	586	ND	ng/ml
Malaoxon	126.9 -> 99.0	8.502	53	ND	ng/ml

Quantitative Analysis Sample Report

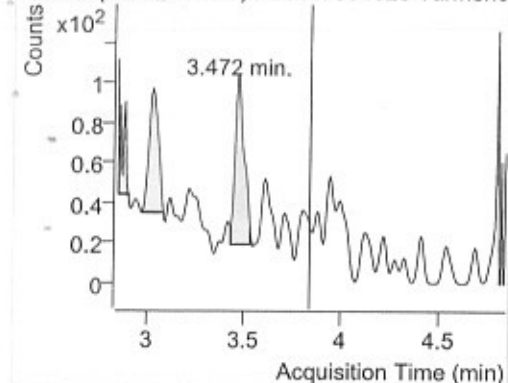
Compound	Transition	RT	Resp.	Final Conc	Units
Malathion	126.9 -> 99.0	8.502	53	1.4115	ng/ml
Dicofol	139.0 -> 111.0	8.574	88	0.6431	ng/ml
Etofenprox	206.9 -> 171.9	8.828	48	0.4226	ng/ml
Pendimethalin	251.8 -> 162.2	8.192	143	1.2380	ng/ml
Oxyfluorfen	252.0 -> 146.0	9.165	177	0.9454	ng/ml
Chlorfenvinphos	266.9 -> 159.0	8.396	54	0.2639	ng/ml
Profenofos	296.8 -> 268.7	8.995	103	ND	ng/ml
Heptachlor-epoxide	262.9 -> 193.0	9.121	80	0.0817	ng/ml
Fonofos	350.8 -> 254.8	9.200	60	6.4596	ng/ml
Butachlor	160.1 -> 132.1	9.493	215	ND	ng/ml
Chlordane-cis	271.8 -> 236.9	9.456	129	ND	ng/ml
Chlordane-trans	271.7 -> 236.9	9.456	129	ND	ng/ml
Endosulfan II (beta isomer)	206.9 -> 172.0	9.429	109	ND	ng/ml
Endosulfan I (alpha isomer)	194.9 -> 125.0	9.761	60	2.4363	ng/ml
DDD-o,p'	235.0 -> 165.1	10.020	71	0.0755	ng/ml
Aldrin	262.9 -> 192.9	10.018	366	ND	ng/ml
Endrin	262.8 -> 193.0	10.018	366	ND	ng/ml
Dieldrin	262.9 -> 193.0	10.148	58	ND	ng/ml
Pipronil Butoxide	90.9 -> 65.0	9.943	1234	ND	ng/ml
Methidathion	104.1 -> 51.0	10.081	82	ND	ng/ml
Chlorfenapyr	247.1 -> 227.1	10.220	92	ND	ng/ml
DDE-o,p'	246.0 -> 176.2	10.099	87	ND	ng/ml
DDE-p,p'	246.1 -> 176.2	10.099	87	ND	ng/ml
Phorate Sulfoxide	96.9 -> 78.9	10.824	60	ND	ng/ml
Ethion	124.9 -> 96.9	10.717	110	ND	ng/ml
Quintozone	318.0 -> 131.0	11.282	76	6.2233	ng/ml
DDD-p,p'	237.0 -> 165.1	11.022	168	1.5442	ng/ml
DDT-o,p'	235.0 -> 165.2	11.149	49	1.0847	ng/ml
DDT-p,p'	235.0 -> 165.2	11.149	49	1.0847	ng/ml
Dicofop-methyl	253.0 -> 162.1	12.142	65	0.3405	ng/ml
Heptachlor	271.7 -> 236.9	11.474	207	1.0898	ng/ml
Boscalid	123.0 -> 81.1	12.234	1013	ND	ng/ml
Bifenthrin	166.2 -> 165.2	12.348	69	ND	ng/ml
Fenpropathrin	125.0 -> 55.1	12.524	199	ND	ng/ml
Bromopropylate	338.8 -> 182.9	12.554	45	ND	ng/ml
Fenthion sulfone	124.9 -> 79.0	12.790	44	2.1969	ng/ml
Fenthion sulfoxide	125.0 -> 79.0	12.790	44	2.1969	ng/ml
Iprodione	187.0 -> 124.0	12.759	0	ND	ng/ml
Phosalone	182.0 -> 75.0	12.585	88	ND	ng/ml
Endosulfan sulfate	271.9 -> 237.0	12.086	0	ND	ng/ml
Cyhalothrin (Lambda)	181.1 -> 127.1	12.774	65	ND	ng/ml
Pyrethrins	204.0 -> 176.0	13.876	41	ND	ng/ml
Permethrin, (1R)-cis-	182.9 -> 155.1	13.787	47	ND	ng/ml
Hexachlorobenzene	121.1 -> 77.0	13.840	0	ND	ng/ml
Permethrin, (1R)-trans-	162.9 -> 91.1	14.233	346	ND	ng/ml
Cyfluthrin (Sum of Isomers)	162.9 -> 90.9	14.233	346	ND	ng/ml
Azinphos-methyl	160.0 -> 132.1	14.648	0	ND	ng/ml
Fluvalinate-tau I	181.0 -> 152.0	14.786	52	ND	ng/ml
Fenvalerate I	181.0 -> 152.1	14.878	59	ND	ng/ml
Deltamethrin	181.0 -> 152.1	14.878	58	ND	ng/ml
Cypermethrin (Sum of Isomers)	163.0 -> 91.0	14.602	237	ND	ng/ml
Fenvalerate II {CAS # 51630-58-1}	208.9 -> 141.1	14.657	143	ND	ng/ml
Fluvalinate-tau II {CAS # 102851-06-9}	181.0 -> 152.0	14.878	41	ND	ng/ml
Fenamidone	198.9 -> 157.0	15.609	37	ND	ng/ml
Azinphos-ethyl	160.0 -> 132.1	15.711	0	ND	ng/ml

Quantitative Analysis Sample Report

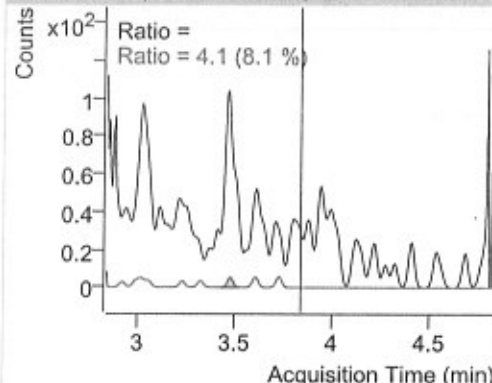
Compound	Transition	RT	Resp.	Final Conc	Units
Fluvalinate I	206.0 -> 178.9	15.776	45	2.2550	ng/ml
Fluvalinate II {CAS # 69409-94-5}	206.0 -> 178.9	15.776	45	2.2550	ng/ml

Dichlorvos

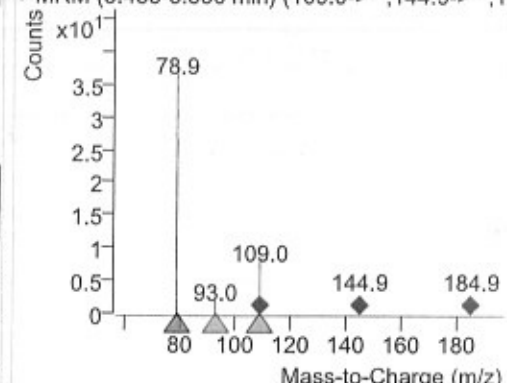
+ MRM (109.0 -> 79.0) FS0117004326 Turmeric



109.0 -> 79.0, 144.9 -> 109.0, 184.9 -> 93.0

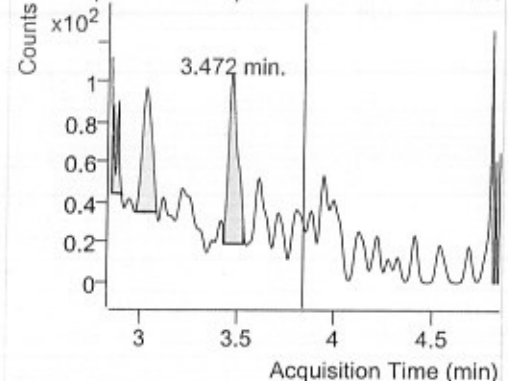


+ MRM (3.435-3.536 min) (109.0->**,144.9->**,1

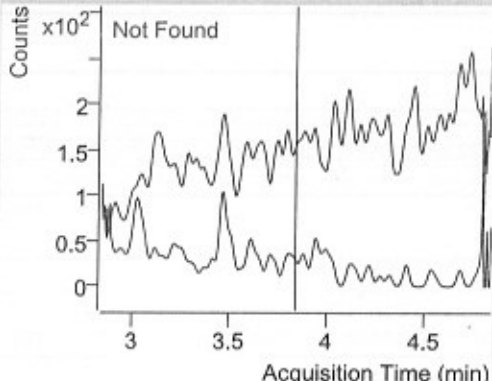


Trichlorfon

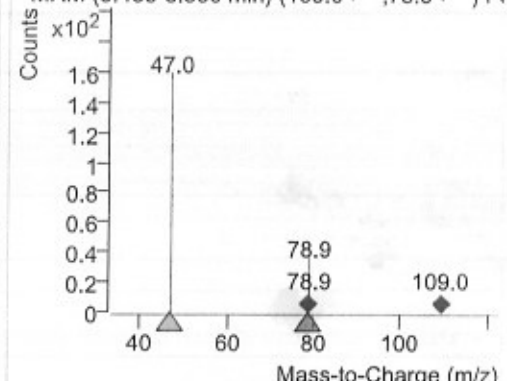
+ MRM (109.0 -> 78.9) FS0117004326 Turmeric



109.0 -> 78.9, 78.9 -> 47.0

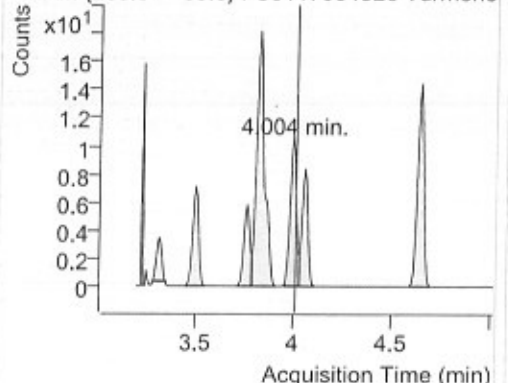


+ MRM (3.435-3.536 min) (109.0->**,78.9->**) F

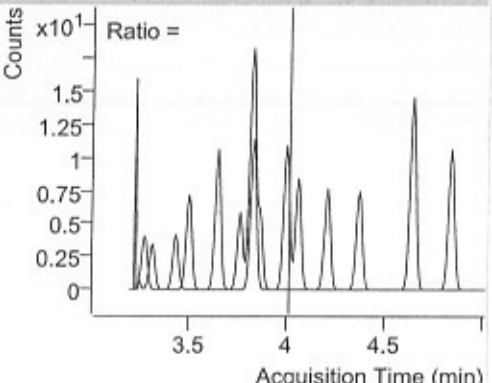


Atrazine

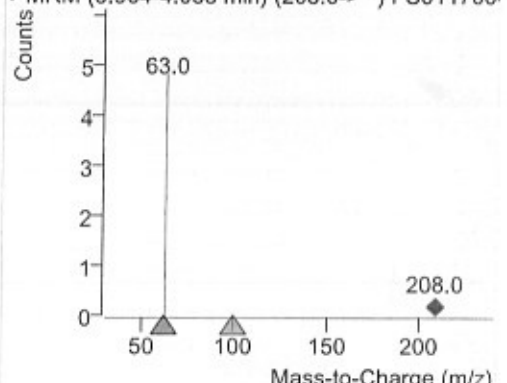
+ MRM (208.0 -> 63.0) FS0117004326 Turmeric



208.0 -> 63.0, 208.0 -> 99.0



+ MRM (3.964-4.038 min) (208.0->**) FS011700

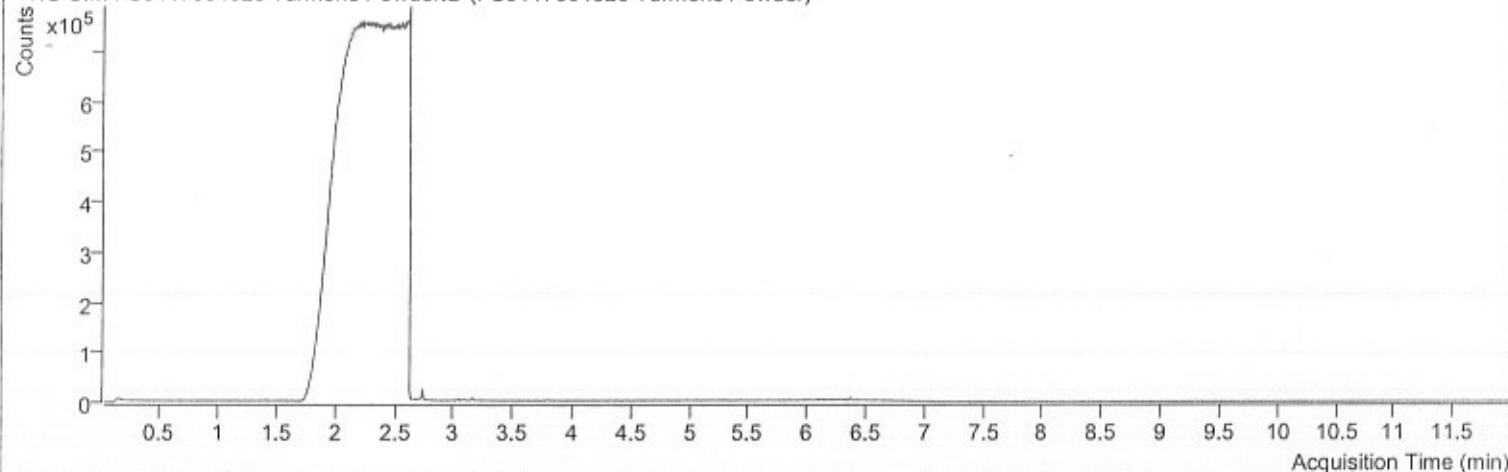


Quantitative Analysis Sample Report

Batch Path	E:\ALL DATA\DATA 2026\01 January\1\21012026\CS2\QuantResults\CS2.batch.bin		
Analysis Time	24-Jan-26 1:17 PM	Analyst Name	GCMS91\GCMSMS
Report Time	24-Jan-26 01:17:59 PM	Reporter Name	GCMS91\GCMSMS
Last Calib Update	24-Jan-26 1:17 PM	Batch State	Processed
Quant Batch Version	B.09.00	Quant Report Version	B.09.00
Acq. Time	22-Jan-26 6:12 AM	Data File	FS0117004326 Turmeric Powder.D
Sample Type	Sample	Sample Name	FS0117004326 Turmeric Powder
Dilution	1	Acq. Method	GCMS_CS2

Sample Chromatogram

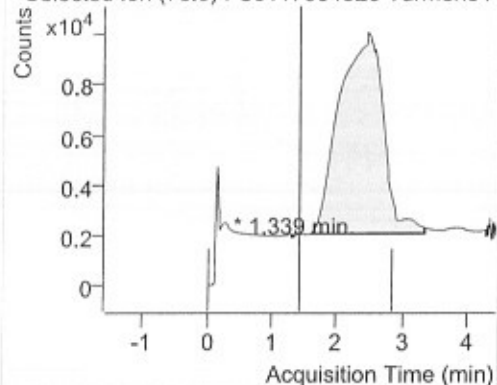
+ TIC SIM FS0117004326 Turmeric Powder.D (FS0117004326 Turmeric Powder)



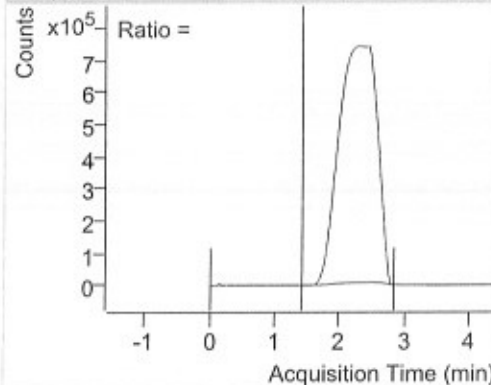
Compound	Transition	RT	Resp.	Final Conc	Units
CS2	78.0	1.339	215	ND	ng/ml

CS2

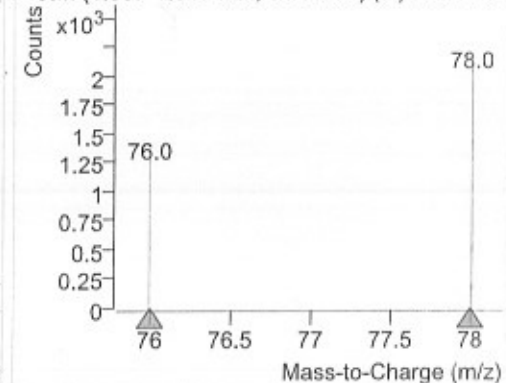
+ Selected Ion (78.0) FS0117004326 Turmeric P



78.0, 76.0



+ SIM (1.307-1.347 min, 11 scans) (**) FS011700

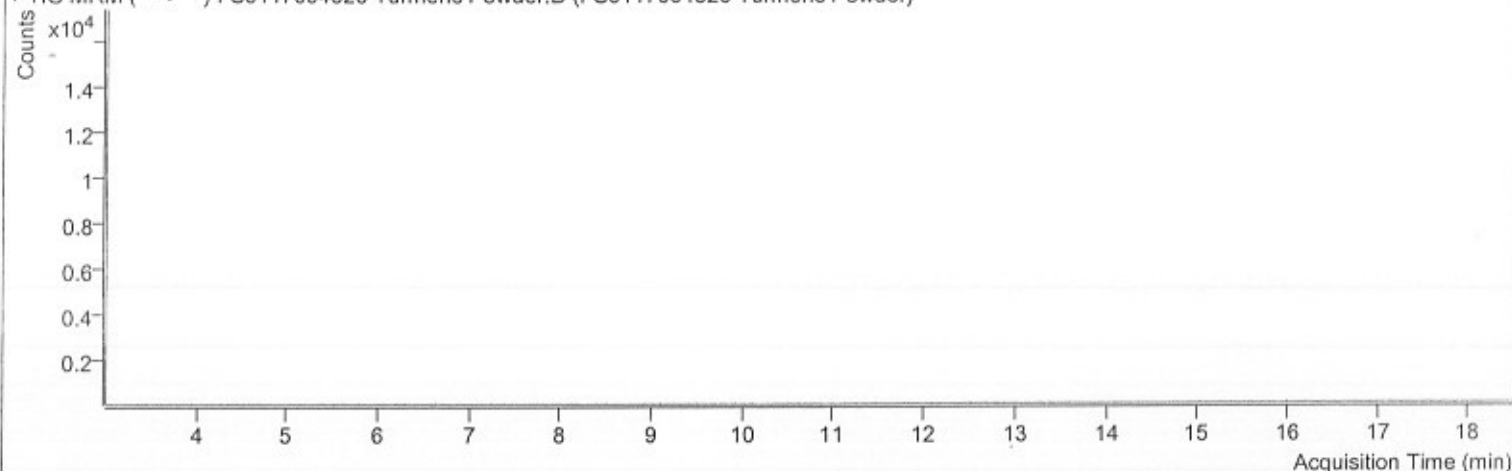


Quantitative Analysis Sample Report

Batch Path	E:\ALL DATA\DATA 2026\01 January\1\21012026\Triacontanol\QuantResults\Triacontanol.batch.bin		
Analysis Time	24-Jan-26 1:24 PM	Analyst Name	GCMS91\GCMSMS
Report Time	24-Jan-26 01:24:48 PM	Reporter Name	GCMS91\GCMSMS
Last Calib Update	24-Jan-26 1:24 PM	Batch State	Processed
Quant Batch Version	B.09.00	Quant Report Version	B.09.00
Acq. Time	22-Jan-26 3:13 PM	Data File	FS0117004326 Turmeric Powder.D
Sample Type	Sample	Sample Name	FS0117004326.Turmeric Powder
Dilution	1	Acq. Method	Triacontanol MRM

Sample Chromatogram

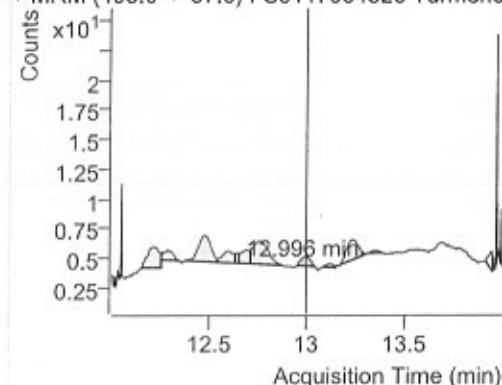
+ TIC MRM (** -> **) FS0117004326 Turmeric Powder.D (FS0117004326 Turmeric Powder)



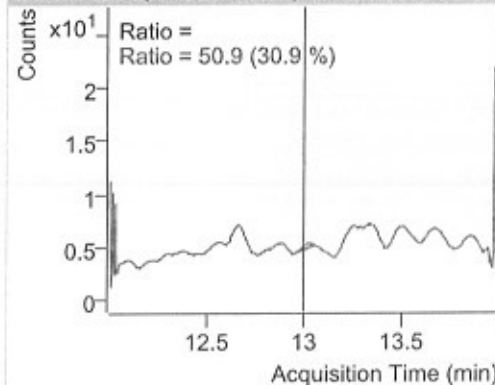
Compound	Transition	RT	Resp.	Final Conc	Units
Triacontanol	495.0 -> 97.0	12.996	3	ND	ng/ml

Triacontanol

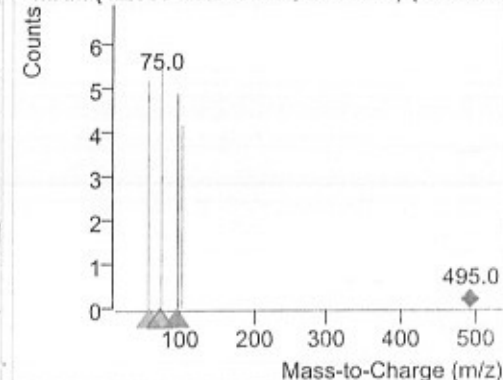
+ MRM (495.0 -> 97.0) FS0117004326 Turmeric



495.0 -> 97.0, 495.0 -> 57.0, 495.0 -> 75.0



+ MRM (12.953-13.045 min, 27 scans) (495.0 ->

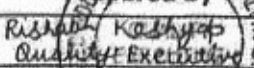
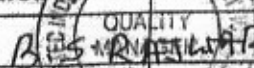
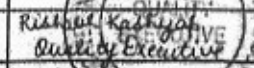


		SOPHISTICATED INDUSTRIAL MATERIALS ANALYTIC LABS PRIVATE LIMITED A-3/7, MAYAPURI INDUSTRIAL AREA, PHASE-II, NEW DELHI-110064			Page 1 of 1	
Doc. Name: Record of Analysis (Raw Data Sheet)						
Doc. No.: 7.4/F-04		Sect. No. 7.4		Section Title: Process Requirements (Handling of Test Items)		
Issue No.: 01	Issue Date: 10.01.2022	Rev. No. 01	Rev. Date: 11.12.23	Arr	Amend. Date: FS0117004326 Catch Turmeric Powder	
Name of Sample:				Potency :		
Batch No. :				Sample Code :		
Batch No. 01 3CYH28-127						

ICP-MS								
Sample Code	FS0117004326			Date		23-01-2026		
Element Name	Instrument Reading Sample(ppb)	Instrument Reading Blank(ppb)	Makeup Volume ml	Dilution ml	Sample Weight gm	Results mg/kg	Final Results mg/kg	LOQ
Cu	100.229	0.055	25	1	0.5674	4.414	4.414	0.100
As	0.535	0.152	25	1	0.5674	0.017	BLQ	0.020
Cd	0.834	0.000	25	1	0.5674	0.037	0.037	0.020
Sn	1.543	9.715	25	1	0.5674	-0.360	BLQ	0.010
Hg	0.315	0.436	25	1	0.5674	-0.005	BLQ	0.020
Pb(ODB)	0.715	0.001	25	1	0.5674	0.034	0.034	0.020
M.Hg(as Hg)	0.315	0.436	25	1	0.5674	-0.005	BLQ	0.020

Done by *Peyon*
24/01/2026

Checked By *Agar*
24/01/2026

	Prepared by  Rishabh Kishor Quality Executive	Reviewed by  Rishabh Kishor Quality Executive	Approved by  Rishabh Kishor Quality Executive
Name & Designation	Signature & Date		

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Quantitation Report

Data File Name 037SMPL.d
 Acq/Data Batch D:\Agilent\CPMH\1\DATA\ALL 2026\January-1\23-01-2026.b
 Acq Time 1/23/2026 12:57:19 PM
 Sample Name FS0117004326
 Sample Type Sample
 Comment ---
 Prep Dilution 1.0000
 Auto Dilution 1.0000
 Total Dilution 1.0000
 Operator Name ICP-MS
 Acq Mode Spectrum
 Cal Title ---
 Cal Type External Calibration
 Bkg File ---
 Bkg Mode Count Subtraction except for ISTD
 FQ BlankFile ---
 VIS Fit Point to Point

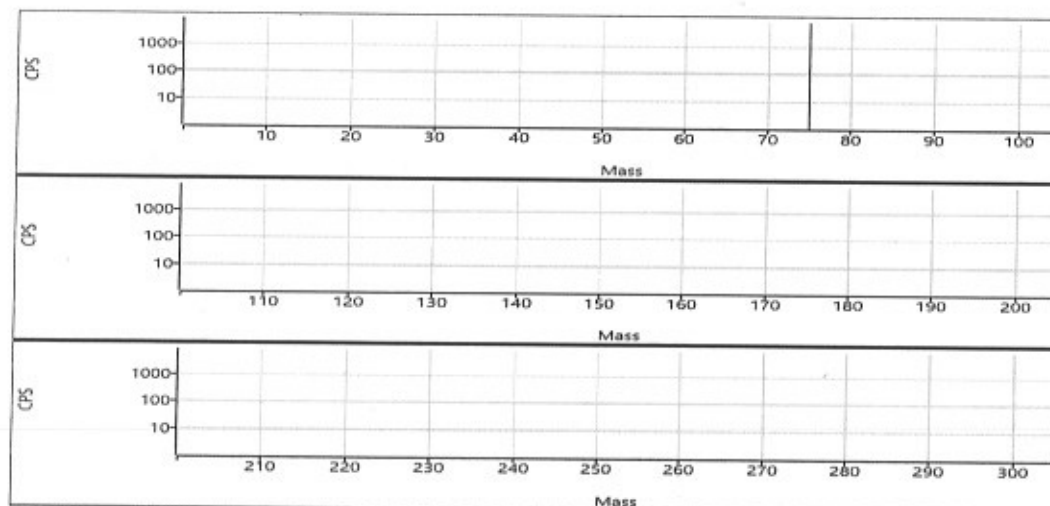
FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	CPS	Ratio	Det.	Time(sec)	Rep
Cu	63		He	100.229	ppb	0.7	2400817.75		Analog	0.3000	3
As	75		He	0.535	ppb	3.7	1640.12		Pulse	0.3000	3
Cd	111		He	0.834	ppb	2.2	5599.03		Pulse	0.3000	3
Sn	118		He	1.543	ppb	17.9	11270.31		Pulse	1.0000	3
Hg	202		He	0.315	ppb	8.1	2771.99		Pulse	1.0000	3
Pb	208		He	0.751	ppb	0.7	50847.47		Pulse	0.3000	3

ISTD Table:

Tune Mode	Element	Mass	CPS	RSD(%)	ISTD Recovery %	Det.	Time(seq)	Rep
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No Gas

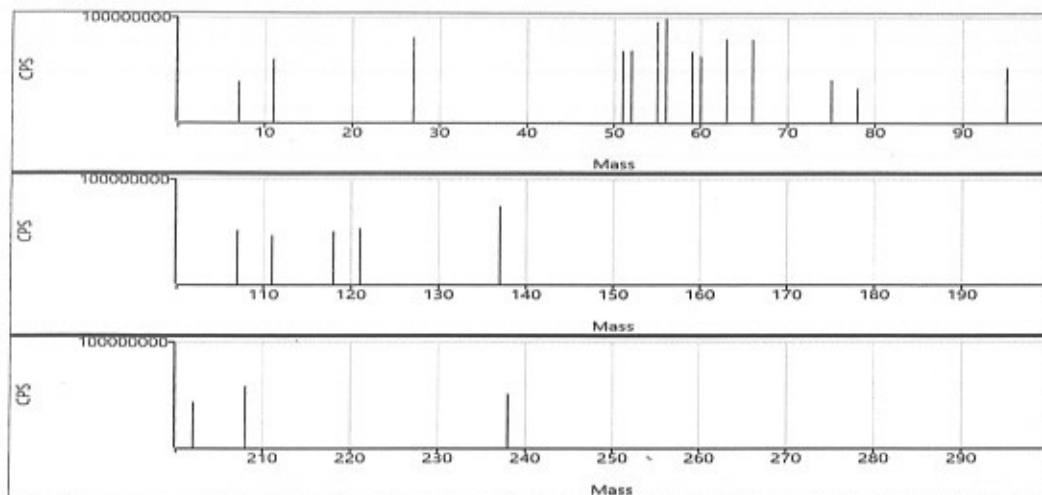


Agilent
24/01/2026

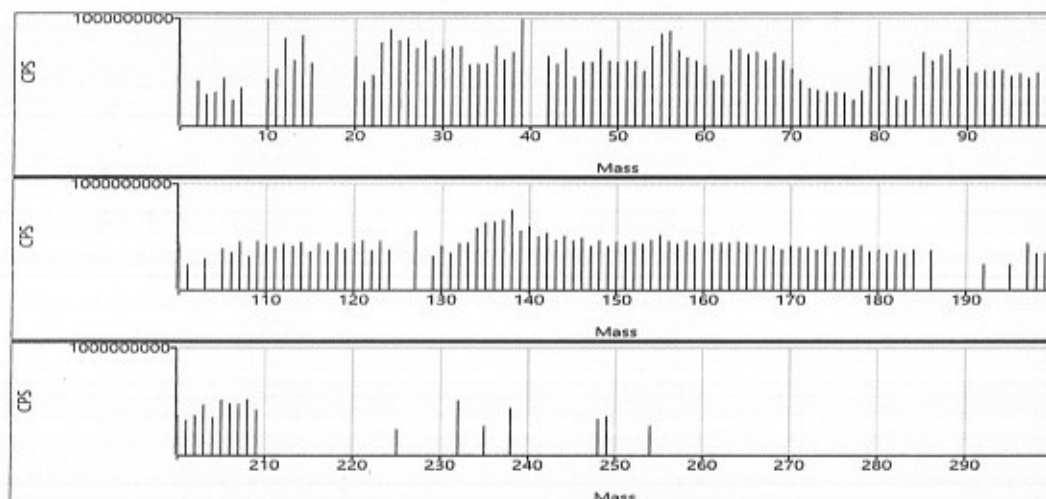
Agilent
24/01/2026

Quantitation Report

He



Quick Scan



Pearl
24/01/2026

Agar
24/01/2026

Quantitation Report

Data File Name 028SMPL.d
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\ALL 2026\January-1\23-01-2026.b
Acq Time 1/23/2026 12:21:41 PM
Sample Name Acidblank
Sample Type Sample
Comment ---
Prep Dilution 1.0000
Auto Dilution 1.0000
Total Dilution 1.0000
Operator Name ICP-MS
Acq Mode Spectrum
Cal Title ---
Cal Type External Calibration
Bkg File ---
Bkg Mode Count Subtraction except for ISTD
FQ BlankFile ---
VIS Fit Point to Point

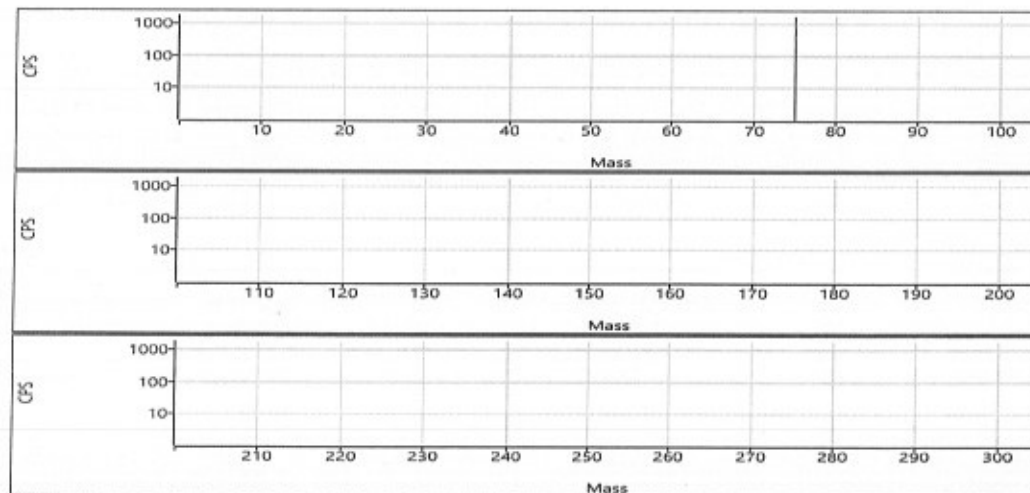
FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	CPS	Ratio	Det.	Time(sec)	Rep
Cu	63		He	0.055	ppb	2.6	6561.67		Pulse	0.3000	3
As	75		He	0.152	ppb	20.9	490.01		Pulse	0.3000	3
Cd	111		He	<0.000	ppb	N/A	37.78		Pulse	0.3000	3
Sn	118		He	9.715	ppb	18.3	68663.36		Pulse	1.0000	3
Hg	202		He	0.436	ppb	2.7	3723.23		Pulse	1.0000	3
Pb	208		He	0.001	ppb	450.9	4784.32		Pulse	0.3000	3

ISTD Table:

Tune Mode	Element	Mass	CPS	RSD(%)	ISTD Recovery %	Det.	Time(sec)	Rep
-----------	---------	------	-----	--------	-----------------	------	-----------	-----

No Gas

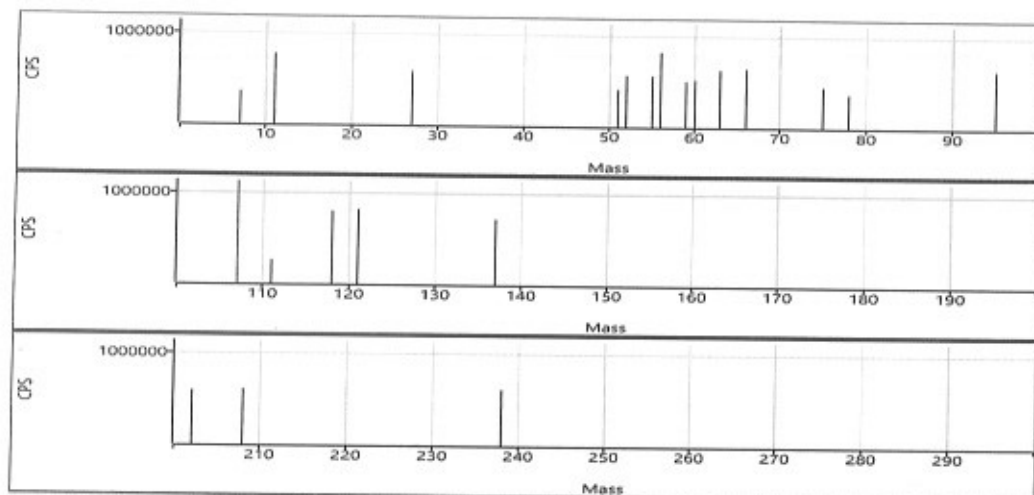


Pory
 24/01/2026

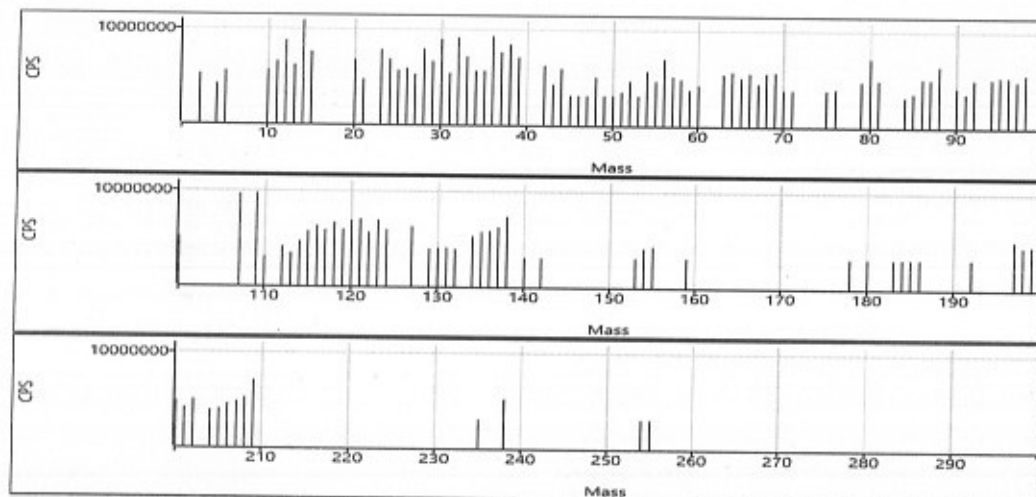
Agw
 24/01/2026

Quantitation Report

He



Quick Scan



24/01/2026

Agur
24/01/2026



Doc. Name : Method for Detection of Salmonella as per IS: IS: 5887(P-3/Sec.1):2020

Doc. No.: 7.2/FF-09

Sect. No. 7.0

Section Title: Selection, Verification and Validation of Method

Issue No.: 01

Issue Date: 20.03.2023

R

FS0117034326
Catch Turmeric Powder

Amend. No.:

Amend. Date: ...

Name of Sample :

Report No. :

Batch No. 01 3C/H28-127

Parameter : Salmonella (Detection)

Test Method : IS: 5887(P-3/Sec.1): 2020

Non-selective pre-enrichment:

Inoculate 2.5 g sample into 225 ml of Buffered Peptone Water (BPW). Incubate BPW at 36°C ± 2 for 18 h.

Date & Time: 17/11/26 2:15

Selective Enrichment:

Transfer 0.1 ml inoculum obtained from Non-selective pre-enrichment into 10 ml RV Medium and 0.1 ml into 10 ml of MKTT. into 10 ml SCM. Incubate RV medium at 41.5°C for 24 ± 3 h and MKTT 36°C ± 2 for 24 ± 3 h and SC medium 37°C for 24-48 ± 3 h.

Date & Time: 18/11/26 2:17

Identification:

Streak loop full inoculum from Selective pre-enrichment (RV, MKTT and SCM) onto XLD Agar at 36°C ± 2 for 24 ± 3 h and Bismuth Sulphite Agar (BSA) at 37°C for 24-48 ± 3 h.

Date & Time: 19/11/26 2:19

Again streak after 24 hours of Re- incubation of SCM onto XLD Agar and BSA. Incubate BSA & XLDA at 37°C for 48 h & 24 h respectively.

Date & Time:

Observation:

Observation:		Incubator 31 B () 31 C () 31 D () 31 E ()						
Equipment ID	Media	Incubation	Sample			Medium control	Positive control	End Date
			Change in media Colour or Turbidity observed- (Yes/ No)					
	BPW	36°C ± 2 for 18 h	Yes			No	Yes	18/11
	RVS	41.5°C for 24 ± 3h	No			No	Yes	21/11
	MKTT	36°C±2 for 24±3 h	No			No	Yes	
	SCM	37°C for 24-48 ±3 h	-					
			From RV	From SC	From MKTT			
			Characteristics Colonies observed- (Yes/No)					
	BSA	37°C for 24-48 ±3 h	No	/	No	No	Yes	21/11
	XLDA	36°C±2 for 24±3 h	No	/	No	No	Yes	20/11
After incubation Streaking (From SC after 48h)								
Characteristics Colonies observed- (Yes/No)								
	BSA	37°C for 24-48 ±3 h		/				
	XLDA	36°C±2 for 24±3 h		/				
Result		Absent 25g						
Colony characteristic on-								
BSA- Black colour colonies with metallic sheen								
XLDA- Red Colony with black center.								

Note: If typical colonies observed on to selective medium further confirm with Biochemical and serological confirmation tests.

Tested By

(Sign./ Date):

Checked By

(Sign./ Date):

Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Pratibha Rawal Tech. Manager	Pratibha Rawal Tech. Manager	Pratibha Rawal Tech. Manager
Signature & Date	Pratibha Rawal 18/11/23	Pratibha Rawal 18/11/23	Pratibha Rawal 18/11/23

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Doc. Name : Method for Enumeration of *S. aureus* as per IS: 5887 Part 1: 1976

Doc. No.: 7.2/FF-08

Sect. No. 7.0

Section Title: FS0117004326

and Validation of Method

Issue No.: 01

Issue Date: 20.03.2023

R



Catch Turmeric Powder

Amend. No.:

Amend. Date: ...

Name of Sample :

Report No. :

Parameter : *S. aureus* (Enumeration)

Test Method : IS:5887 (P-2): 1976

Batch No. 01 3CYH28-127

Preparation of Test Sample:

Take 25 to 50 g of the sample in a, sterile blender jar and to this add diluting fluid to have dilution of 10^{-1} . Blend at 8000 to 10,000 rev/min for 2 minutes. Alternatively macerate with the diluting fluid in a sterile mortar with sterile sand. Make serial ten-fold dilutions with the diluting fluid (0.1% peptone water), in duplicate series, up to 10^{-6} .

Date & Time: 19/11/26 2:15

Spread out 0.1 ml from each dilution tube, on to Baird Parker Agar, agar and incubate at 37°C for 30 hours. Enumerate the colonies of *S. aureus*, which are Black shiny colonies surrounded by potassium tellurite zone, and confirm these as being *S. aureus*.

Observation:

Equipment ID	Incubator 31 B () 31 C () 31 D () 31 E ()								
Media	Baird Parker Agar								
Incubation	37 °C for 30h								
Date and Time	18/11/26 5:50								
Dilutions	10^0	10^{-1}	10^{-2}	10^{-3}	10^{-4}	10^{-5}	10^{-6}	10^{-7}	10^{-8}
Characteristics colonies Observed									
Observation	Sample								
		1	24	24					
	Medium Control	Colonies observed- Yes () No ()							
	Positive Control	Characteristics colonies Observed- Yes () No ()							
Calculation	$N = \frac{\Sigma C}{V \times [n_1 + (0.1 \times n_2)] \times d}$ Here: ΣC: The sum of the colonies counted on all the plates from two successive dilutions containing 10-150 colonies. n1: The number of plates counted in first dilution n2: The number of Plates counted in second dilution d: The dilution from which the first count are obtained V: The volume plated in each dish *Round up the result obtained in two significant figures								
Result	210 4219								
Characteristics colonies on- Baird Parker Agar Agar - Black shiny colonies surrounded by potassium tellurite zone									

Note: If typical colonies observed on to selective medium further confirm with Biochemical confirmation tests .

Tested By

(Sign./ Date): 19/11/26

Checked By

(Sign./ Date): 19/11/26

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Ruchita Gupta Sr. Microbiologist	Jyoti Mukherjee Asst. Tech. Manager	Poojithe Rawat Tech. Manager	Mayank Sharma Executive QA
Signature & Date	Ruchita 17/03/23	Jyoti 18/3/23	18/3/23	18/03/2023

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		SOPHISTICATED INDUSTRIAL MATERIALS ANALYTIC LABS PVT. LTD. A-3/7, MAYAPURI INDUSTRIAL AREA, PHASE-II, NEW DELHI-110064		Page 1 of 1
Doc. Name : Method for Enumeration of Enterobacteriaceae as per ISO:21528 (Part-2):2017				
Doc. No.: 7.2/FF-06	Sect. No. 7.0	Section Title: Selection of Method FS011704326 Catch Turmeric Powder		
Issue No.: 01	Issue Date: 20.03.2023	Rev. No.: 01	Amend. Date: ...	
Name of Sample :				
Report No. :				
Parameter : Enterobacteriaceae (Enumeration)			Test Method : ISO: 21528 (P-2): 2017	

Preparation of Test Sample: Inoculate sample into ml of 0.1 % peptone water and further serially dilute with 9 ml of 0.1% peptone water up to dilution.

Date & Time: 17/11/26 2:15

Inoculation: Take two sterile petri dishes, Transfer to each dish..... ml volume of prepared sample dilution from each dilution into petri dishes. Pour about 12 ml to 15 ml of the Violet Red Bile Glucose Agar (VRBGA) at 44 °C to 47 °C into each Petri dish.

Incubation: Invert the prepared dishes and incubate at 37°C for 24 h±2 hrs.

Observation:

Equipment ID		Incubator 31 B () 31 C () 31 D () 31 E ()								
Media		VRBGA								
Incubation		37°C for 24h±2 hrs								
Date and Time		18/11/26 2:19								
Characteristics colonies Observed										
Dilutions		10 ⁰	10 ⁻¹	10 ⁻²	10 ⁻³	10 ⁻⁴	10 ⁻⁵	10 ⁻⁶	10 ⁻⁷	10 ⁻⁸
Observation	Sample	1	N4	N4						
	Medium Control	Colonies observed- Yes () No ()								
	Positive Control	Characteristic colonies observed- Yes () No ()								
Calculation		$N = \frac{ZC}{V \times [n_1 + (0.1 \times n_2)] \times d}$ Here: ZC: The sum of the colonies counted on all the plates from two successive dilutions containing 10-150 colonies. n1: The number of plates counted in first dilution n2: The number of Plates counted in second dilution d: The dilution from which the first count are obtained V: The volume plated in each dish *Round up the result obtained in two significant figures								
Result		$N = 10 \text{ g/g}$								
Characteristic Colonies on-VRBGA: Pink to purple (with or without precipitation haloes).										

Tested By (Sign./ Date): 19/11/26

Checked By (Sign./ Date): 19/11/26

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Ruchita Gupta Sr. Microbiologist	Shilpy Mukherjee Asst. Tech Manager	Patishree Rawat Tech. manager	Mayank Sharma Executive QA
Signature & Date	Ruchita 18/11/23	Shilpy 18/11/23	Patishree 18/11/23	Mayank 18/11/23

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Doc. Name : Method for Enumeration of Yeast and Mould Count as per IS: 5403: 1999

Doc. No.: 7.2/FF-16

Sect. No. 7.0

Section Title: Selection

FS0117034326

Catch Turmeric Powder

1 of Method

Issue No.: 01

Issue Date: 20.03.2023

Rev. No.: 01

Amend. Date: ...

Name of Sample :

Report No. :

Parameter : Yeast And Mould Count (Enumeration)

Test Method : IS: 5403: 1999

Preparation of Test Sample:

Date & Time: 27/11/26 2:15

Inoculate 10 sample into 90 ml of 0.1 % peptone water and further serially dilute with 9 ml of 0.1% peptone water up to 10⁻⁶ dilution.

Inoculation:

Take two sterile petri dishes, Transfer to each dish 01 ml volume from sample (in case of liquids) and from each prepared dilution into petri dishes. Pour about 12 ml to 15 ml of the Chloramphenicol Yeast Glucose Agar (CYGA) at 44 °C to 47 °C into each Petri dish.

Incubation:

Invert the prepared dishes and incubate at 25 °C ± 1 °C for 3-5 days

Observation:

Equipment ID	BOD Incubator 32 B () 32 D () 32 F ()									
Media	CYGA									
Incubation	25 °C ± 1 °C for 3-5 days									
Date and Time	27/11/26 2:20									
Dilutions	10 ⁰	10 ⁻¹	10 ⁻²	10 ⁻³	10 ⁻⁴	10 ⁻⁵	10 ⁻⁶	10 ⁻⁷	10 ⁻⁸	
Sample	Day3	1	24	104						
	Day4	1	24	104						
	Day5	1	24	104						
Medium Control	Colonies observed- Yes () No ()									
Calculation	$N = \frac{\Sigma C}{V \times [n_1 + (0.1 \times n_2)] \times d}$ Here: ΣC: The sum of the colonies counted on all the plates from two successive dilutions containing 10-150 colonies. n1: The number of plates counted in first dilution n2: The number of Plates counted in second dilution d: The dilution from which the first count are obtained V: The volume plated in each dish *Round up the result obtained in two significant figures									
Result	< 10 cfu/g									

Tested By
(Sign./ Date): 27/11/26

Checked By
(Sign./ Date): 27/11/26

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Ruchita Gupta Sr. Microbiologist	Shilpy Mukherjee Asst. Tech. Manager	Parishke Rana Tech. Manager	Mayank Sharma Executive QA
Signature & Date	Ruchita 11/03/23	Shilpy 18/11/23	Parishke 10/30/23	Mayank 10/30/23

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Doc. Name : Method for Detection of Sulfite Reducing Clostridia as per ISO: 15213-1: 2023

Doc. No.: 7.2/FF-12

Sect. No. 7.0

Section Title: FS0117034326

and Validation of Method

Issue No.: 01

Issue Date: 10.04.2023

Rev. No.



Catch Turmeric Powder

I. No.:

Amend. Date: ...

Name of Sample :

Report No. :

Parameter : Sulfite Reducing Clostridia

Test Method : ISO: 15213-1-2023

Batch No. 01 3C/H28-127

Preparation of Test Sample:

Date & Time: 17/11/26 2:15

Inoculate..... sample into..... ml of 0.1% peptone water or 3.4 percent to potassium dihydrogen phosphate. Heat shock prepared sample at 80°C for 10 min and immediately cool to approximately 20°C.

Inoculation:

Take two sterile petri dishes, transfer to each dish..... ml volume from sample (in case of liquids) and from each prepared dilution into petri dishes. Pour about 12 ml to 15 ml of the modified Iron sulfite agar (ISA) at 44 °C to 47 °C into each Petridish.

Incubation:

Invert the prepared dishes and incubate at 37 °C for 48 h ±2h (Anaerobically).

Observation:

Equipment ID	Incubator 31 B () 31 C () 31 D () 31 E ()
Media	Iron Sulphite Agar
Incubation	37 °C for 48 h ±2h (Anaerobically)
Date	19/11/26 2:19
Dilutions	10 ⁰ 10 ⁻¹ 10 ⁻² 10 ⁻³ 10 ⁻⁴ 10 ⁻⁵ 10 ⁻⁶ 10 ⁻⁷ 10 ⁻⁸
Sample	Characteristics colonies Observed
Medium Control	Colonies observed- Yes () No ()
Positive Control	Characteristics colonies Observed- Yes () No ()
Calculation	$N = \frac{\Sigma C}{V \times [n_1 + (0.1 \times n_2)] \times d}$ Here: ΣC: The sum of the colonies counted on all the plates from two successive dilutions containing 10-150 colonies. n1: The number of plates counted in first dilution n2: The number of Plates counted in second dilution d: The dilution from which the first count are obtained V: The volume plated in each dish *Round up the result obtained in two significant figures
Result	<10 cfu/g
Characteristics Colonies on - Iron sulfite agar (ISA) - Black colour colonies.	

Tested By

(Sign./ Date):

19/11/26

Checked By

(Sign./ Date):

19/11/26

Prepared by	Reviewed by	Approved by	Issued by
Ruchita Gupta Sr. Microbiologist	Shilpy Mukherjee Asst. Tech. Manager	Pratibha Rawat Tech. Manager	Pratibha Rawat Tech. Manager
Signature & Date Ruchita 10/11/23	Signature & Date Shilpy 10/11/23	Signature & Date Pratibha 10/11/23	Signature & Date Pratibha 10/11/23

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Doc. Name : Method for Detection of Bacillus cereus as per IS 5887 (Part-6): 2012

Doc. No.: 7.2/FF-01

Sect. No. 7.0

Section Title: FS0117004326

Validation of Method

Issue No.: 01

Issue Date: 20.03.2023

Re

Catch Turmeric Powder

ud. No.:

Amend. Date: ...

Name of Sample :

Report No. :

Parameter : Bacillus cereus (Detection)

Test Method : IS 5887 (P-6):2012

Preparation of test sample:

Date & Time: 17/11/26 2:15

Take sample into ml of 0.1 % peptone water and further serially dilute with 9 ml of 0.1 % peptone water up to dilution.

Inoculation:

Transfer ml volume of prepared sample from each dilution onto prepared MYP agar plate / plates. Quickly spread the inoculums over the surface of agar. Leave the plates with lid at ambient temperature for 15 min.

Incubation:

Invert plates and incubate at 30 °C for 18-24 or 48 hours.

Observation:

Equipment ID	Incubator 31 B () 31 C () 31 D () 31 E ()											
Media	MYPA											
Dilution	10 ⁰			10 ⁻¹			10 ⁻²			10 ⁻³		
Inoculum	0.3ml	0.3 ml	0.4 ml	0.3 ml	0.3 ml	0.4 ml	0.3 ml	0.3 ml	0.4 ml	0.3 ml	0.3 ml	0.4 ml
Incubation	30 °C for 18-24h +24 h											
Date and Time	19/11/26 2:19											
Characteristics colonies Observed (Yes/No)												
Observation	Sample											
	Medium Control	Colonies observed - Yes () No ()										
	Positive Control	Characteristics colonies Observed - Yes () No ()										
Calculation	$N = \frac{\Sigma C}{V \times [n_1 + (0.1 \times n_2)] \times d}$ Here: ΣC: The sum of the colonies counted on all the plates from two successive dilutions containing 10-150 colonies. n1: The number of plates counted in first dilution n2: The number of Plates counted in second dilution d: The dilution from which the first count are obtained V: The volume plated in each dish *Round up the result obtained in two significant figures											
Result	10 cfu/g											
Colony characteristic on- Mannitol egg Yolk Polymyxin agar- Large pink with zone of precipitation around the colonies.												

Note: If typical colonies observed on to selective medium further confirm with Biochemical confirmation tests.

Tested By

(Sign./ Date): 19/11/26

Checked By

(Sign./ Date): 19/11/26

Name & Designation	Prepared by Ruchita Grobda Sr. Microbiologist	Reviewed by Jitendra Mukherjee Asst. Tech Manager	Approved by Pratibha Ramesh Tech manager	Issued by Mayank Sharma Executive QA
Signature & Date	Ruchita 12/03/23	Jitendra 18/11/23	Pratibha 18/11/23	Mayank 20/03/2023

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Doc. Name : Method for Enumeration of Total Plate Count as per IS: 5402, Part-1 :2021

Doc. No.: 7.2/FF-13

Sect. No. 7.0

Section Title: Selection, Verification and Validation of Method

Issue No.: 01

Issue Date: 20.03.2023

Rev. No.: 00

FS0117034326
Catch Turmeric Powder

No.:

Amend. Date: ...

Name of Sample :

Report No. :

Parameter : Total Plate Count (Enumeration)

Batch No. 01 3C/H28-127

Test Method : IS: 5402 (P-1): 2021

Preparation of Test Sample:

Take..... sample intoml of 0.1 % peptone water and further serially dilute with 9ml of 0.1% peptone water up to dilution.....

Date & Time..... 17/11/26 2:05

Inoculation:

Take two sterile petri dishes, Transfer to each dish..... ml volume from sample (in case of liquids) and from each prepared dilution into petri dishes. Pour about 12 ml to 15 ml of the plate count agar(PCA) at 44 °C to 47 °C into each Petri dish.

Incubation:

Invert the prepared dishes and incubate at 30 °C ± 1 °C for 72 h ± 3.

Observation:

Equipment ID	Incubator 31 B () 31 C () 31 D () 31 E ()								
Media	PCA								
Incubation	30°C for 72 hours								
Date and Time	20/11/26 2:16								
Dilutions	10 ⁰	10 ⁻¹	10 ⁻²	10 ⁻³	10 ⁻⁴	10 ⁻⁵	10 ⁻⁶	10 ⁻⁷	10 ⁻⁸
Sample	1	62	6	N4					
		63	7	N4					
Medium Control	Colonies Observed- Yes() No()								
Calculation	$N = \frac{\Sigma C}{V \times [n_1 + (0.1 \times n_2)] \times d} \times 10^d$ $= \frac{62 + 63 + 6 + 7}{2 \times 2} \times 10^0 = 627$ Here: ΣC: The sum of the colonies counted on all the plates from two successive dilutions containing 30-300 colonies. n1: The number of plates counted in first dilution n2: The number of Plates counted in second dilution d: The dilution from which the first count are obtained V: The volume plated in each dish *Round up the result obtained in two significant figures								
Result	627 cfu/g								

Tested By

(Sign./ Date):

Checked By

(Sign./ Date):

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Ruchita Gupta Sr. Microbiologist	Jhony Mukherjee Asst. Tech Manager	Poojit Kumar Tech Manager	Mayank Sharma Executive QA
Signature & Date	Ruchita 17/03/23	Jhony 18/03/23	18/3/23	17/03/23

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