



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



TC-11220



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 : Tata Sampann Turmeric Powder

*Mfg. by : GEO-Fresh Organic Pvt. Ltd.

*Mfg. Date : 18/10/2025

*Exp.Date/Best Before : 17/10/2026

ULR : TC1122026100000272F

REPORT NO. : FS0117004226/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 : 22/01/2026

Sample Condition : OK

Sample Packing : Polypack

*FSSAI Lic. No : NS

*Sample Qty. : 03x100 gm

*Batch No./Lot No. : GP357D2

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)	%	6.40	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	%	8.73	NMT 10.0	IS 1797:2017
4	Ash insoluble in dilute HCL (ODB)	%	0.38	NMT 1.5	IS 1797:2017
5	Starch	%	54.20	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
Rupa Rani
Reviewed By

Pratibha Rawat
Pratibha Rawat
Tech. Manager Micro

Authorized Signatory
Bhoopendra Singh
Bhoopendra Singh
Tech. Manager

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S.No.	Test Parameters	Units	Results	Limits (as per FSSR-2011)	Test Method
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)	%	3.83	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	Ametryn	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

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Tech. Manager

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REPORT NO. : FS0117004226/N

S.No.	Test Parameters	Units	Results	Limits (as per FSSR-2011)	Test Method
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	Chlorantranilprole	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	4.233	Max. 5.0	SIMA/INS/STP/004
65	Copper Oxychloride(Copper determined as elemental copper)	mg/kg	4.233	Max. 5.0	SIMA/INS/STP/004



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Authorized Signatory

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REPORT NO. : FS0117004226/N

S.No.	Test Parameters	Units	Results	Limits (as per FSSR-2011)	Test Method
66	Copper Sulphate (Copper determined as elemental copper)	mg/kg	4.233	Max. 5.0	SIMA/INS/STP/004
67	Cuprous Oxide (Copper determined as elemental copper)	mg/kg	4.233	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	Diafenthiuron	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	Diffubenzuron	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

*Rupa Rani*

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Party Code : A/DLH/19526

REPORT NO. : FS0117004226/N

S.No.	Test Parameters	Units	Results	Limits (as per FSSR-2011)	Test Method
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	Flonicamid	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



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TC-11220



TEST REPORT

ULR : TC1122026100000272F

Party Code : A/DLH/19526

REPORT NO. : FS0117004226/N

S.No.	Test Parameters	Units	Results	Limits (as per FSSR-2011)	Test Method
126	Haloxypor-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

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TC-11220

**TEST REPORT****ULR : TC1122026100000272F**

Party Code : A/DLH/19526

REPORT NO. : FS0117004226/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	Oxadiazon	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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TEST REPORT

ULR : TC1122026100000272F

Party Code : A/DLH/19526

REPORT NO. : FS0117004226/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	Pyriithiolac 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
 Rupa Rani
 Reviewed By

Pratibha Rawat
 Pratibha Rawat
 Tech. Manager Micro

Bhoopendra Singh
 Authorized Signatory
 Bhoopendra Singh
 Tech. Manager

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TEST REPORT

ULR : TC1122026100000272F

Party Code : A/DLH/19526

REPORT NO. : FS0117004226/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	Triacantanol	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
 Reviewed By

Pratibha Rawat
 Tech. Manager Micro

Authorized Signatory

 Bhoopendra Singh
 Tech. Manager

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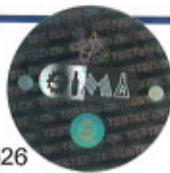
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TEST REPORT

ULR : TC1122026100000272F

Party Code : A/DLH/19526

REPORT NO. : FS0117004226/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	0.041	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	BLQ (LOQ 0.20)	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	4.233	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
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	450	Max 1 X 10 ⁷	IS:5402(P-1):2021



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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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 : TC1122026100000272F

Party Code : A/DLH/19526

REPORT NO. : FS0117004226/N

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

Remarks: 1. This Test Report is not valid without a hologram.

2. The Results listed refer only to the above tested sample & applicable parameters. Endorsement of products is neither inferred nor implied.

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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**Party Code : A/DLH/19526
*Issued to : Ajay DalalRZ-10, Baba Haridas Nagar, Near New Anaj Mandi,
Najafgarh, New Delhi-110043 -

*Sample Name : Tata Sampann Turmeric Powder

*Mfg. by : GEO-Fresh Organic Pvt. Ltd.

*Mfg. Date : 18/10/2025

*Exp.Date/Best Before : 17/10/2026

REPORT NO. : FS0117004226/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 : 22/01/2026

Sample Condition : OK

Sample Packing : Polypack

*FSSAI Lic. No : NS

*Sample Qty. : 03x100 gm

*Batch No./Lot No. : GP357D2

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

- Remarks:**
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λ : 425.0 nm

Data : 0.614 Abs

K * Data : 1.2290

1.Fac. K : 2.0000

Input item No. (START:Measure)

%T / Abs	SmplCmpt	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	Amr  FS0117004226 Tata Sampann Turmeric Powder
Name of Sample:			Potency :	
Batch No. :			Sample Code :	Batch No. GP357D2

Moisture

Sample weight	25.2122
Titre value	2.2
Calculation	$Tv \times 100 / Swt$
Result, %	8.73

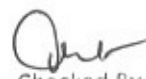
Total ash, % (ODB)

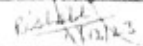
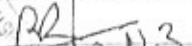
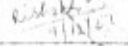
w1	wt of crucible, g	38.5464
w2	crucible wt + sample wt, g	43.5700
w3	sample wt, g	5.0236
w4	Ash + crucible wt, g	38.8398
Moisture	8.73	91.27
Calculation	$[(w4 - w1) \times 100 \times 100 / w3 / (100 - M)]$	
Result %	5.84	6.40

Acid insoluble ash, % (ODB)

w1	wt of crucible, g	38.5464
w2	crucible wt + sample wt, g	43.5700
w3	sample wt, g	5.0236
w4	Ash + crucible wt, g	38.5640
Moisture	8.73	91.27
Calculation	$[(w4 - w1) \times 100 \times 100 / w3 / (100 - M)]$	
Result %	0.35	0.38


Done by


Checked By

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Rishabh Kashyap Quality Executive	B. S. RAJWAR		Rishabh Kashyap Quality Executive
Signature & Date	 10/12/23	 11/12/23		 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)
Issue No.: 01	Issue Date: 10.01.2022	Rev. No. 01	Rev. Date: 11.12.23	An  FS0117004226 Tata Sanipann Turmeric Powder
Name of Sample:			Potency :	Batch No. GP357D2
Batch No. :			Sample Code :	

Starch(ODB)

Sample weight,g	0.5021	
DF(mg)	50	
Titre value,ml	46.8	1.0684
Moisture	8.73	91.27
Starch		
Calculation	9.3*tv*250/swt/100	
Result, %	49.47	
ODB	54.20	

Curcumin(ODB)

Sample weight,g	0.1045	
Absorbance	0.614	
Moisture	8.73	91.27
Calculation	Abs*100/1*168*Sw	
Result, %(ODB)	3.50	3.83

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

Handwritten: Red colour didn't appear in acetone layer,
Metanil yellow; Pink colour didn't appear.

Handwritten: Pinky
Done by

Handwritten: [Signature]
Checked By

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Rishabh Kashyap Quality Executive	B. S. RATHOR		Rishabh Kashyap Quality Executive
Signature & Date	<i>Handwritten:</i> Rishabh Kashyap 11/12/23	<i>Handwritten:</i> B. S. RATHOR 11/12/23		<i>Handwritten:</i> Rishabh Kashyap 11/12/23

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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 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	Rev. Date: FS0117004226	Amend. No.: Amend. Date: ...
Name of Sample :		Tata Sampann Turmeric Powder		
Report No. :				
Parameter : Total Plate Count (Enumer)		Batch No. GP357D2		Test Method : IS: 5402 (P-1): 2021

Preparation of Test Sample:

Take 10.02g sample into 90...ml of 0.1 % peptone water and further serially dilute with 9ml of 0.1% peptone water up to 10^4 dilution. Date & Time: 17/1/26 4:00pm

Inoculation:

Take two sterile petri dishes, Transfer to each dish 1.0... 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	20/1/26 4:10pm								
Dilutions	10^0	10^{-1}	10^{-2}	10^{-3}	10^{-4}	10^{-5}	10^{-6}	10^{-7}	10^{-8}
Sample	1	42 48	4 5	Nil Nil	Nil Nil				
Medium Control	Colonies Observed- Yes () No (✓)								
Calculation	$N = \frac{\Sigma C}{V \times [n_1 + (0.1 \times n_2)] \times d}$ $N = \frac{42 + 48 + 4 + 5}{2.2 \times 10^{-1}}$ Here: ΣC: The sum of the colonies counted on all the plates from two successive dilutions containing 30-300 colonies. n_1: The number of plates counted in first dilution n_2: 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	450 cfu/g								

Tested By (Sign./ Date): 20/1/26

Checked By (Sign./ Date): 20/1/26

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Ruchita Gupta Sr. Microbiologist	Shrey Mankharia Asst. Tech Manager	Positibha Ramani Tech manager	Majorank Sharma Executive QA
Signature & Date	Ruchita 17/03/23	Shrey 18/03/23	Positibha 18/03/23	Majorank 20/03/2023

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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, Verification and Validation of Method
Issue No.: 01		Issue Date: 20.03.2023		Amend. No.: Amend. Date: ...
Name of Sample :		 FS0117004226 Tata Sampann Turmeric Powder		
Report No. :		Batch No. GP357D2		
Parameter : Yeast And Mould Count (		Test Method : IS: 5403: 1999		

Preparation of Test Sample:
Date & Time 17/11/26 4:00pm

Inoculate 10.02g sample into 90..... ml of 0.1 % peptone water and further serially dilute with 9 ml of 0.1% peptone water up to 1.02..... dilution.

Inoculation:

Take two sterile petri dishes, Transfer to each dish 1.0... 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		22/11/26 4:10 PM								
Dilutions		10 ⁰	10 ⁻¹	10 ⁻²	10 ⁻³	10 ⁻⁴	10 ⁻⁵	10 ⁻⁶	10 ⁻⁷	10 ⁻⁸
Sample	Day3	1	N ₁	N ₁						
	Day4		N ₁	N ₁						
	Day5		N ₁	N ₁						
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		110 cfu/gm								

Tested By (Sign./ Date): 22/11/26

Checked By (Sign./ Date): 22/11/26

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Ruchita Gupta Sr. Microbiologist	Shilpy Mukherjee Asst. Tech. Manager	Poojit Kumar Tech. Manager	Manoj Kumar Sharma Executive QA
Signature & Date	Ruchita 17/03/23	Shilpy 18/12/23	Manoj 18/12/23	Manoj 18/12/23

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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	FS0117004226 Tata Sampann Turmeric Powder Batch No. GP357D2
Name of Sample :		Amend. No.: Amend. Date: ...
Report No. :		Test Method : IS: 5887(P-3/Sec.1): 2020
Parameter : Salmonella (Detection)		

Non-selective pre-enrichment:

Inoculate 25.0g sample into 225 ml of Buffered Peptone Water (BPW). Incubate BPW at 36°C ± 2 for 18 h.

Date & Time: 17/1/26 4:00pm

Selective Enrichment:

Transfer 0.1ml Inoculum obtained from Non-selective pre-enrichment into 10 ml RV Medium and 1.0ml into 10 ml of MKTT, into 10 ml SCM. Incubate RV medium at 41.5°C for 24 ± 3h and MKTT 36°C ± 2 for 24 ± 3 h and, SC medium 37°C for 24-48 ± 3 h.

Date & Time: 18/1/26 12:10pm

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: 19/1/26 12:26pm

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:

Equipment ID		Incubator 31 B (✓) 31 C (✓) 31 D () 31 E ()					
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	18/1/26
RVS	41.5°C for 24 ± 3h	No			No	Yes	19/1/26
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	21/1/26
XLDA	36°C±2 for 24±3 h	No	—	No	No	Yes	20/1/26
After incubation Streaking (From SC after 48h)							
Characteristics Colonies observed- (Yes/No)							
BSA	37°C for 24-48 ±3 h	 					

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

Tested By: R 21/1/26
(Sign./ Date):

Checked By: [Signature]
(Sign./ Date): 21/1/26

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Poojita Gopaty Sr. Microbiologist	Thiruv. Mukherjee Asst. Tech. manager	Pratibha Rawat Tech. manager	Meghna Sharma Executive QA
Signature & Date	[Signature] 23/1/23	[Signature] 28/1/23	[Signature] 18/3/23	[Signature] 21/1/26

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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: Selection, Verification and Validation of Method

Issue No.: 01

Issue Date: 10.04.2023

Rev. No.: 00

Rev. Date: ...

Amend. No.: ...

Amend. Date: ...

Name of Sample :



FS0117034226

Tata Sanipann Turmeric Powder

Report No. :

Parameter :

Sulfite Reducing Clostridia

Batch No. GP357D2

Test Method : ISO: 15213-1-2023

Preparation of Test Sample:

Date & Time: 17/1/26 6:00pm

Inoculate 10.0 g sample into 90 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 1.0 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	19/1/26 6:10pm								
Dilutions	10 ⁰	10 ⁻¹	10 ⁻²	10 ⁻³	10 ⁻⁴	10 ⁻⁵	10 ⁻⁶	10 ⁻⁷	10 ⁻⁸
	Characteristics colonies Observed								
Sample	1	Ni1	Ni1						
		Ni1	Ni1						
Medium Control	Colonies observed- Yes () No (✓)								
Positive Control	Characteristics colonies Observed- Yes (✓) No ()								
Calculation	$N = \frac{EC}{V \times [n_1 + (0.1 \times n_2)] \times d}$ Here: EC: 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 ctu/g								
Characteristics Colonies on - Iron sulfite agar (ISA) - Black colour colonies.									

Tested By (Sign./ Date): 19/1/26

Checked By (Sign./ Date): 19/1/26

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Ruchita Gupta Sr. Microbiologist	Shilpy Mukherjee Asst. Tech Manager	Pratibha Rawat Tech. Manager	Nayana Shrivastava Manager
Signature & Date	16/4/23	10/4/23	10/4/22	16/4/23

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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, Verification and Validation of Method	
Issue No.: 01		Issue Date: 20.03.2023		Re  FS0117004226	
Name of Sample :		Tata Sampann Turmeric Powder		nd. No.: Amend. Date: ...	
Report No. :		Batch No. GP357D2		Test Method : ISO: 21528 (P-2): 2017	
Parameter : Enterobacteriaceae (Enumeration)					

Preparation of Test Sample:

Inoculate 12.5g sample into 90.... ml of 0.1 % peptone water and further serially dilute with 9 ml of 0.1% peptone water up to 1:100000 dilution.

Date & Time: 17/1/26 4:00pm

Inoculation:

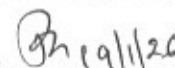
Take two sterile petri dishes, Transfer to each dish 1:0 ml volume of prepared sample dilution from each dilution into petri dishes. Pour about 12 ml to 15 ml of the Violet Red Bile Glucose Agar (VRBGA) at 44 °C to 47 °C into each Petri dish.

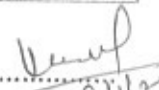
Incubation:

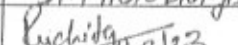
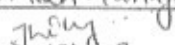
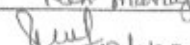
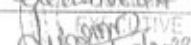
Invert the prepared dishes and incubate at 37°C for 24 h±2 hrs.

Observation:

Equipment ID		Incubator 31 B (✓) 31 C () 31 D () 31 E ()								
Media		VRBGA								
Incubation		37°C for 24h±2 hrs								
Date and Time		19/1/26 4:10pm								
		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	Ni1	Ni1						
	Medium Control	1	Ni1	Ni1						
	Positive Control	Colonies observed- Yes () No (✓)								
	Positive Control	Characteristic colonies observed- Yes (✓) No ()								
Calculation		$N = \frac{EC}{V \times [n_1 + (0.1 \times n_2)] \times d}$ Here: EC: 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 ⁰ 10 ¹ 10 ² 10 ³ 10 ⁴ 10 ⁵ 10 ⁶ 10 ⁷ 10 ⁸								
Characteristic Colonies on-VRBGA:		Pink to purple (with or without precipitation haloes).								

Tested By:  19/1/26
(Sign./ Date):

Checked By:  19/1/26
(Sign./ Date):

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Ruchita Gupta Sr. Microbiologist	Shri. M. M. M. M. Asst. Tech. Manager	Patil. R. R. R. R. Tech. manager	M. S. S. S. S. S. Executive I/A
Signature & Date	 18/1/23	 18/1/23	 18/1/23	 18/1/23

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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 : Method for Enumeration of S. aureus as per IS: 5887 Part-2 : 1976					
Doc. No.: 7.2/TF-08		Sect. No. 7.0		Section Title: Selection, Verification and Validation of Method	
Issue No.: 01		Issue Date: 20.03.2023		Rev. No.: 00	
				Rev. Date: ...	
				Amend. No.:	
				Amend. Date: ...	
Name of Sample :		 FS0117004226 Tata Sampann Turmeric Powder			
Report No. :					
Parameter : S.aureus (Enumeration)		Batch No. GP357D2		Test Method : IS:5887 (P-2): 1976	

Preparation of Test Sample:

Date & Time: 17/1/26 4:00 pm

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^{-8} .

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		19/1/26 10:00 AM								
Dilutions		10^0	10^{-1}	10^{-2}	10^{-3}	10^{-4}	10^{-5}	10^{-6}	10^{-7}	10^{-8}
		Characteristics colonies Observed								
Observation	Sample		Nil	Nil						
			Nil	Nil						
	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 cfu/g								
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): 19/1/26

Checked By
(Sign./ Date): 19/1/26

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Ruchita Gopky Sr. Microbiologist	Jhily Mukherjee Asst. Tech. Manager	Pooja Rani Tech. Manager	Mayank Sharma Executive QA
Signature & Date	Ruchita 17/03/23	Jhily 18/03/23	18/03/23	18/03/23

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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: Selection, Verification and Validation of Method

Issue No.: 01

Issue Date: 20.03.2023



FS0117004226

Tata Sampann Turmeric Powder

Amend. No.:

Amend. Date: ...

Name of Sample :

Report No. :

Parameter : Bacillus cereus (Detection)

Batch No. GP357D2

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

Preparation of test sample:

Date & Time: 17/11/26 9:00 PM

Take 10.0g sample into ml of 0.1 % peptone water and further serially dilute with 9 ml of 0.1 % peptone water up to 10⁻⁶ dilution.

Inoculation:

Transfer 1.0-2.0 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 9:10 PM											
		Characteristics colonies Observed (Yes/No)											
Observation	Sample				No	No	No	No	No	No			
	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		210cfu/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

	Prepared by	Reviewed by	Approved by	Issued by
Name & Designation	Ruchita Grobda Sr. Microbiologist	Shravya Mukherjee Asst. Tech Manager	Pratibha Ramesh Tech Manager	Mayank Sharma Executive QA
Signature & Date	Ruchita 17/03/23	Shravya 18/03/23	Pratibha 18/03/23	Mayank 20/03/2023

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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 :	 FS0117004226		
Batch No. :			Sample Code :	 Tata Sanipann Turmeric Powder		

Batch No. GP357D2

AFLATOXIN

SIMA/INS/STP/006

Sample Weight = 5.0294g.
Volumn = 10ml

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

AFLATOXIN B1 = BLQ (LOQ 1.0)µg/kg

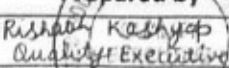
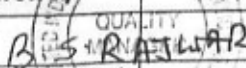
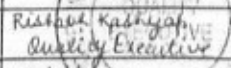
MELAMINE

SIMA/INS/STP/024

Sample Weight = 22.00478g.
Volumn = 14 ml
Dilution Factor = 7
Result= BLQ (LOQ 0.25)mg/kg

Done by

Checked By

	Prepared by  Rishabh Kashyap Quality Executive	Reviewed by  B. S. Rastogi Quality Executive	Approved by  Rishabh Kashyap Quality Executive	Issued by  Rishabh Kashyap Quality Executive
Name & Designation	Signature & Date			

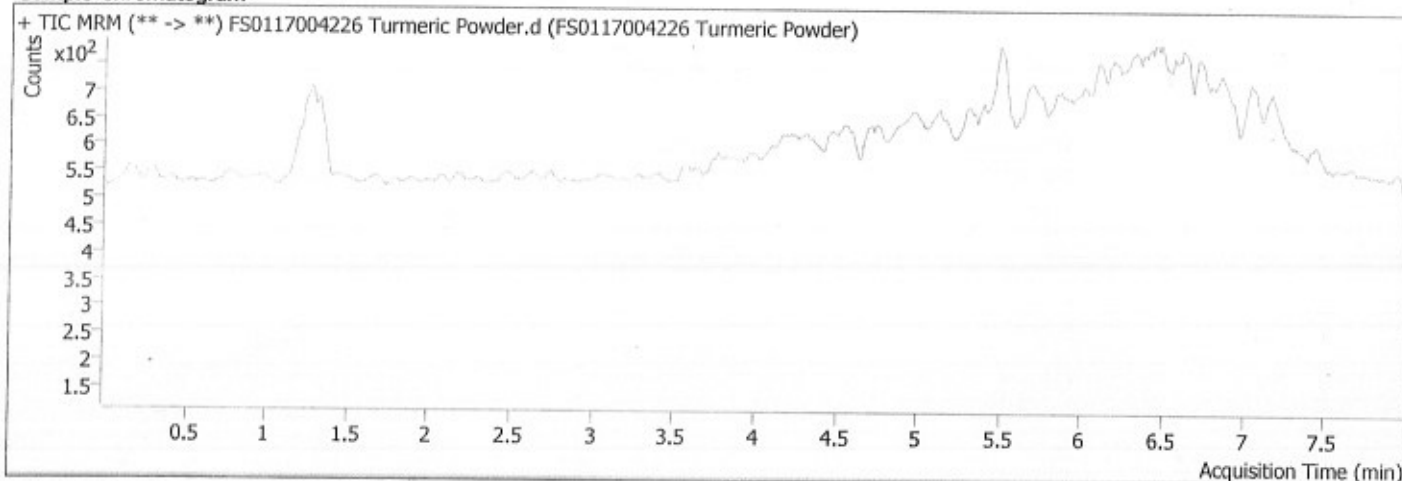
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Quantitative Analysis Sample Report

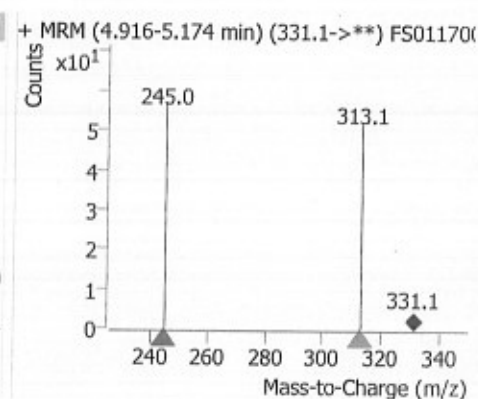
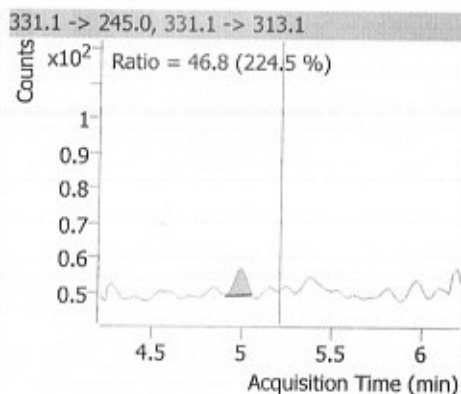
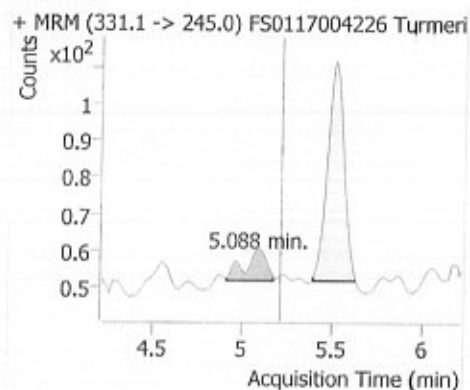
Batch Path D:\MassHunter\Data\2026\Jan_2026\22.01.2026_Aflatoxin\QuantResults\Aflatoxin.batch.bin
 Analysis Time 1/23/2026 11:53 AM Analyst Name LCMSMS\LC-MSMS1
 Report Time 1/23/2026 11:53:44 AM Reporter Name LCMSMS\LC-MSMS1
 Last Calib Update 1/23/2026 11:53 AM Batch State Processed
 Quant Batch Version 10.0 Quant Report Version 10.0
 Acq. Time 1/22/2026 11:11 PM Data File FS0117004226 Turmeric Powder.d
 Sample Type Sample Sample Name FS0117004226 Turmeric Powder
 Dilution 1 Acq. Method Afla_trail.m

Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
AFLA-G2	331.1 -> 245.0	5.088	72	0.1602	ng/ml
AFLA-B2	315.1 -> 287.1	5.504	569	0.1977	ng/ml
AFLA-G1	329.1 -> 243.1	5.301	70	0.1409	ng/ml
AFLA-B1	313.1 -> 241.0	5.688	126	0.1237	ng/ml

AFLA-G2



AS

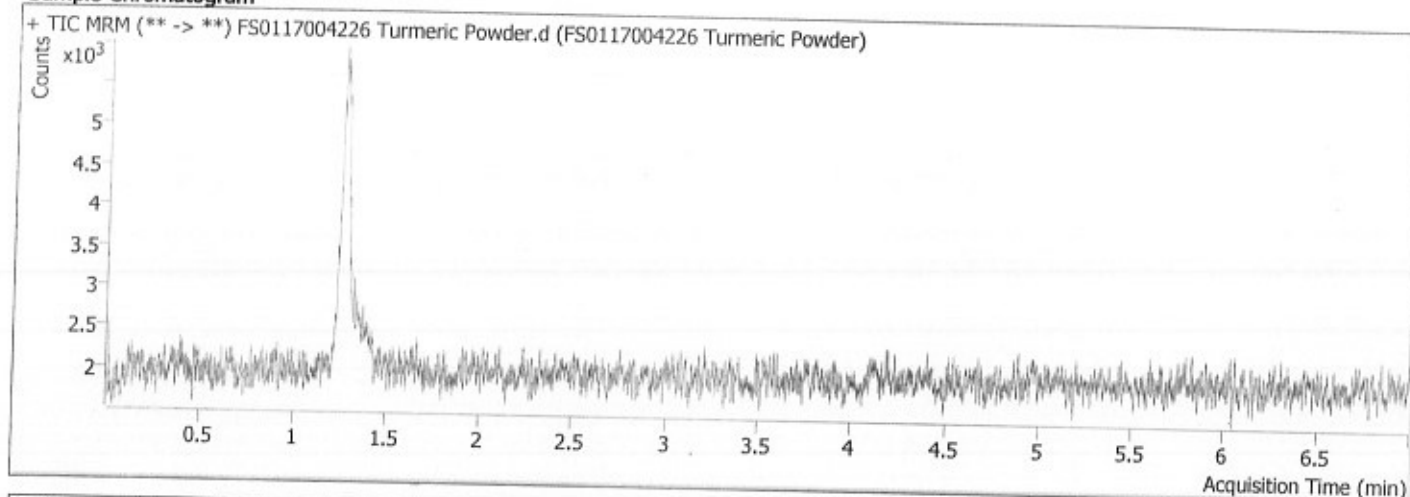
Signature

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 3:37 PM	Data File	FS0117004226 Turmeric Powder.d
Sample Type	Sample	Sample Name	FS0117004226 Turmeric Powder
Dilution	1	Acq. Method	Melamine_2024.m

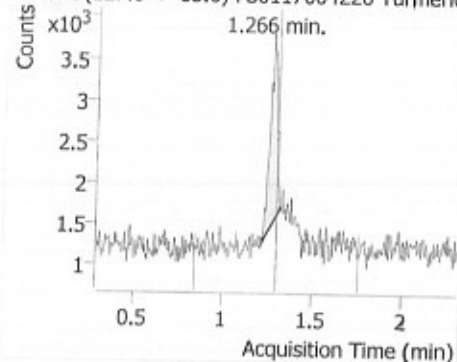
Sample Chromatogram



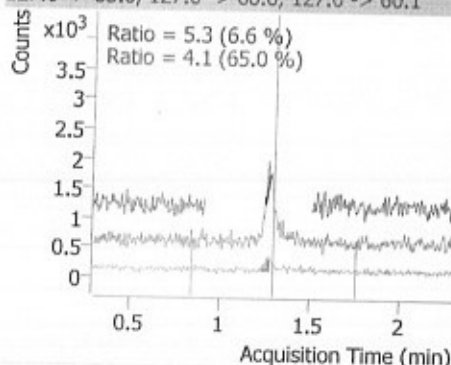
Compound	Transition	RT	Resp.	Final Conc	Units
Melamine	127.0 -> 85.0	1.266	6225	0.0976	ng/ml

Melamine

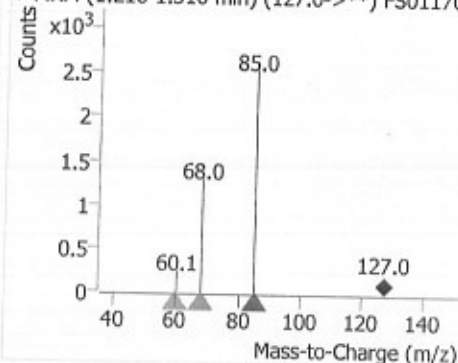
+ MRM (127.0 -> 85.0) FS0117004226 Turmeric



127.0 -> 85.0, 127.0 -> 68.0, 127.0 -> 60.1



+ MRM (1.216-1.316 min) (127.0->**) FS011700



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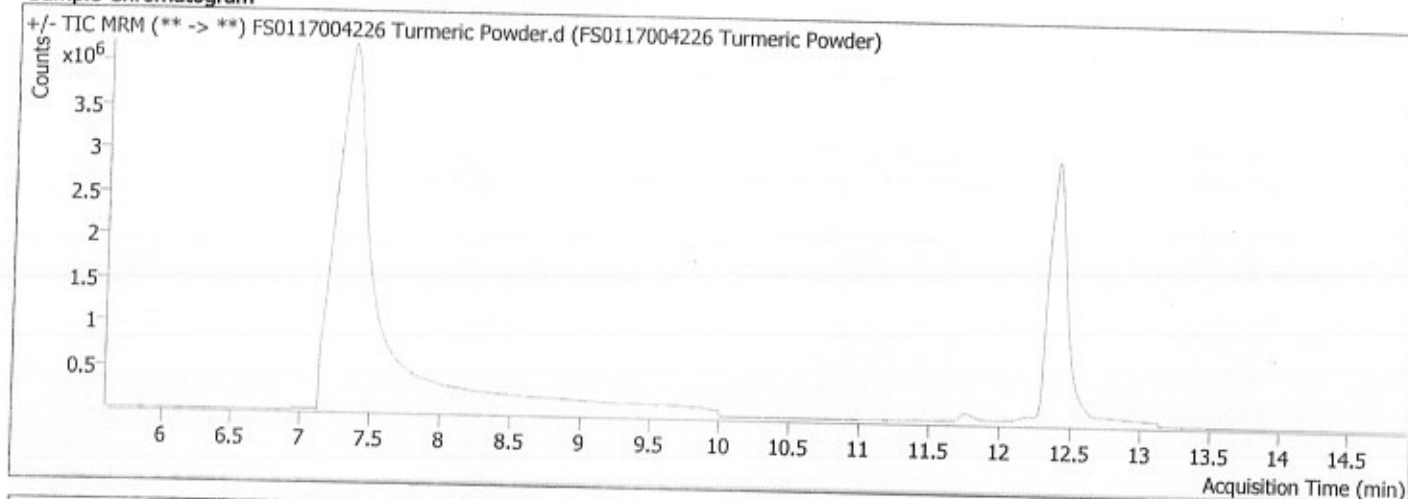
[Signature]

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 12:53:09 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 11:55 AM	Data File	FS0117004226 Turmeric Powder.d
Sample Type	Sample	Sample Name	FS0117004226 Turmeric Powder
Dilution	1	Acq. Method	DMRM_PEST_1023.m

Sample Chromatogram

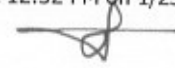


Compound	Transition	RT	Resp.	Final Conc	Units
Diclosulam	406.0 -> 161.0	7.473	0	ND	ng/ml
Pymetrozine	218.0 -> 105.1	7.775	1768	2.5436	ng/ml
Sulfoxaflor	278.1 -> 105.0	7.761	418	ND	ng/ml
Soidum Para Nitro Phenolate	162.0 -> 130.2	8.043	331	4.8896	ng/ml
Topeamezone	362.1 -> 318.1	7.952	0	ND	ng/ml
Oxydementon methyl	247.0 -> 169.0	8.624	3368	ND	ng/ml
TFNG	249.2 -> 202.8	8.603	624	ND	ng/ml
Methomyl	162.9 -> 88.1	8.658	422	0.1100	ng/ml
Carbendazim	192.1 -> 160.1	8.842	47853	ND	ng/ml
TFNA	192.1 -> 160.1	8.842	18147	0.9862	ng/ml
Flonicamid	230.0 -> 203.1	8.788	356	ND	ng/ml
Thiamethoxam	292.0 -> 211.0	8.857	2251	ND	ng/ml
Monocrotophos	224.2 -> 57.9			ND	ng/ml
Validamycin	498.2 -> 336.2	8.958	0	ND	ng/ml
Thiometon Sulphoxide	263.0 -> 185.1	9.074	159	ND	ng/ml
Imidacloprid	256.0 -> 175.1	9.312	3042	0.8548	ng/ml
Clothiaidin	250.0 -> 169.0	9.572	454	ND	ng/ml
Acetamprid	223.0 -> 126.0	9.646	157	ND	ng/ml
Trichlorfon	257.0 -> 109.0	9.738	373	ND	ng/ml
Imazamox	306.2 -> 264.1	10.395	24	0.6157	ng/ml
Thiacloprid	253.0 -> 126.0	9.874	189	0.6877	ng/ml
1-NAAM	186.2 -> 115.1	9.991	0	ND	ng/ml
Tricyclazole	190.0 -> 163.1	10.126	507	1.4746	ng/ml
Imazethapyr	290.2 -> 177.1	10.344	572	ND	ng/ml
Penoxsulum	484.2 -> 195.2	10.443	4	ND	ng/ml
Sulfentrazone	404.0 -> 307.0	10.120	66	ND	ng/ml
Thiodicarb	355.0 -> 87.8	9.934	105	ND	ng/ml
Cyantraniliprole	475.0 -> 286.0	10.746	24	ND	ng/ml
Metribuzin	215.1 -> 187.1	10.763	468	ND	ng/ml
Carbaryl	202.0 -> 145.0	10.847	9	0.1874	ng/ml

Quantitative Analysis Sample Report

Compound	Transition	RT	Resp.	Final Conc	Units
Mesosulfuron methyl	504.1 -> 182.1	10.996	4	ND	ng/ml
Thiometon	247.0 -> 89.0	11.160	820	ND	ng/ml
1-NAA	185.1 -> 140.9	11.057	0	ND	ng/ml
Azimsulfuron	425.0 -> 182.1	11.112	11	ND	ng/ml
Metalaxyl	280.1 -> 160.1	11.263	43	ND	ng/ml
Fipronil	454.0 -> 255.0	11.227	3	4.0472	ng/ml
Metalaxyl-M	279.8 -> 219.8	11.180	732	ND	ng/ml
Iodosulfuron-Methyl	508.0 -> 167.1	11.132	4	ND	ng/ml
Isoproturon	207.2 -> 72.3	11.275	16	ND	ng/ml
Chlorantraniliprole	483.9 -> 285.9	11.195	8	ND	ng/ml
Azoxystrobin	404.0 -> 344.0	11.332	7	ND	ng/ml
Profenophos	372.9 -> 128.0	11.677	4	ND	ng/ml
Bensulfuron Methyl	411.0 -> 149.1	11.603	3	ND	ng/ml
Diuron	232.8 -> 72.0	11.275	667	ND	ng/ml
MCPA	199.0 -> 141.0	11.360	2	5.5846	ng/ml
Cartap HCL	237.7 -> 72.8	11.306	601	ND	ng/ml
Flucetosulfuron	488.1 -> 333.0	11.456	12	ND	ng/ml
Fomesafen	456.0 -> 300.0	11.373	4	ND	ng/ml
Clomazone	240.1 -> 124.9	11.400	532	ND	ng/ml
Fenobucarb	208.1 -> 95.0	11.129	7	0.1786	ng/ml
Chlorimuran ethyl	415.0 -> 186.0	11.634	95	ND	ng/ml
Carbosulfan	381.2 -> 128.2	11.677	22	3.8869	ng/ml
Fluoxapyroxad	382.2 -> 233.9	11.469	31	ND	ng/ml
Ethoxysulfuron	399.1 -> 261.0	11.552	4	ND	ng/ml
Dithianon	295.9 -> 70.2	11.535	440	ND	ng/ml
Isoprothiolane	290.9 -> 188.8	11.577	85	ND	ng/ml
Kasugamycin	380.1 -> 70.1	11.573	13	ND	ng/ml
Triadimefon	294.1 -> 197.1	11.556	6	ND	ng/ml
Triazophos	314.1 -> 162.1	11.617	779	ND	ng/ml
Spirotetramat	374.2 -> 216.1	11.615	4063	ND	ng/ml
Flufenacet	364.0 -> 152.0	11.896	58	ND	ng/ml
Flubendiamide	408.0 -> 255.8	11.759	0	ND	ng/ml
Emamectin benzoate	886.5 -> 158.0	11.861	5	ND	ng/ml
Spinosad A	732.5 -> 142.0	11.768	0	ND	ng/ml
Fenarimol	331.0 -> 139.1	12.126	61	ND	ng/ml
Epoxyconazole	330.1 -> 121.0	11.928	885	ND	ng/ml
Thifluzamide	524.9 -> 291.8	11.683	11	ND	ng/ml
Bupimate	316.8 -> 166.0	11.950	46	ND	ng/ml
Flusilazole	316.2 -> 247.0	11.929	1351	ND	ng/ml
Metolachlor	284.0 -> 176.2	12.305	45	ND	ng/ml
Oxyfluorfen	252.0 -> 146.0	12.035	395	ND	ng/ml
Carfentrazone Ethyl	412.0 -> 346.0	12.039	15	ND	ng/ml
Hexaconazole	314.0 -> 70.1	11.815	65	ND	ng/ml
Phenthoate	321.0 -> 247.0	12.043	27	ND	ng/ml
Iprobenphos	289.1 -> 91.0	11.931	3036	ND	ng/ml
Spinosad D	746.5 -> 142.0	11.560	0	ND	ng/ml
Anilphos	368.2 -> 199.1	12.021	829	ND	ng/ml
Spinoteram	748.0 -> 142.1	11.986	0	ND	ng/ml
Kresoxim methyl	314.1 -> 222.2	12.262	43	ND	ng/ml
Difenconazole	406.0 -> 250.9	12.029	296	ND	ng/ml
Pyraclostrobin	388.0 -> 194.1	12.082	543	ND	ng/ml
Indoxacarb	528.1 -> 203.1	11.695	16	ND	ng/ml
Propiconazole	342.1 -> 159.0	12.084	1820	ND	ng/ml
Novaluron	493.0 -> 158.2	12.132	168	ND	ng/ml
Phosalone	368.0 -> 182.0	12.156	302	ND	ng/ml

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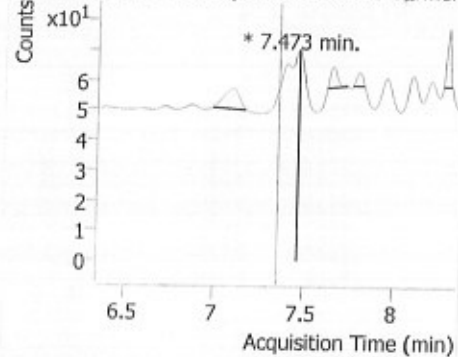


Quantitative Analysis Sample Report

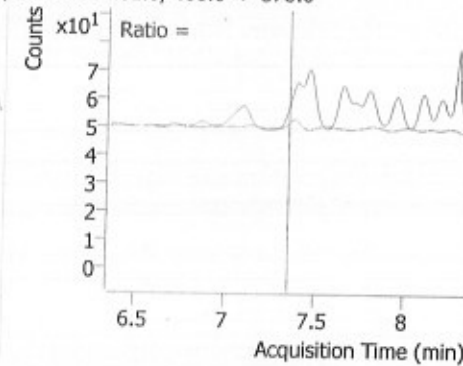
Compound	Transition	RT	Resp.	Final Conc	Units
Trifloxystrobin	409.1 -> 186.0	12.196	128	ND	ng/ml
Pencycuron	329.0 -> 125.0	12.240	445	ND	ng/ml
Pyriproxyfen	322.1 -> 96.0	12.469	0	ND	ng/ml
Pirimiphos-methyl	306.2 -> 164.1	12.283	134	ND	ng/ml
Pretilachlor	312.2 -> 252.0	12.262	804	4.6060	ng/ml
Diafenthuron	385.2 -> 329.1	12.517	218	ND	ng/ml
Thiometon Sulphone	279.0 -> 149.0	12.399	0	ND	ng/ml
Trillate	304.0 -> 162.1	12.512	0	ND	ng/ml
Fenoxaprop-ethyl	362.1 -> 91.1	12.488	446	ND	ng/ml
Quinalphos	299.0 -> 162.9	12.492	1155	2.8933	ng/ml
Fenazaquin	307.3 -> 57.0	12.851	6861	0.6754	ng/ml
Oxydiazion	345.0 -> 185.1	12.859	263	0.8357	ng/ml
Spiromesifen	371.5 -> 272.9	12.846	200	1.7521	ng/ml
Sodium Aceflourofen	360.0 -> 316.1	12.858	44	1.0206	ng/ml
Propargit	368.1 -> 231.2	12.867	0	ND	ng/ml
Fenpyroximate	422.2 -> 135.0	12.947	795	1.5568	ng/ml
Etofenprox	394.2 -> 177.1	13.868	1653	2.1935	ng/ml
Pyridalyl	492.0 -> 108.9	13.999	1744	3.8764	ng/ml

Diclosulam

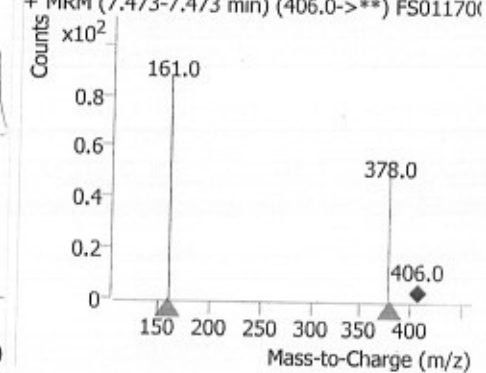
+ MRM (406.0 -> 161.0) FS0117004226 Turmeri



406.0 -> 161.0, 406.0 -> 378.0

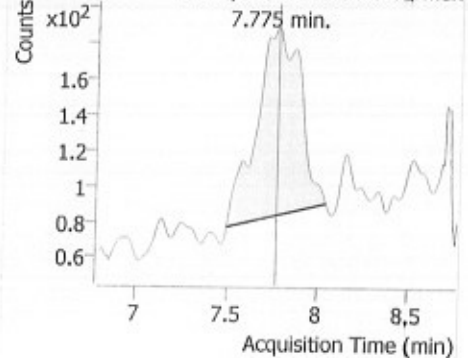


+ MRM (7.473-7.473 min) (406.0->**) FS011700

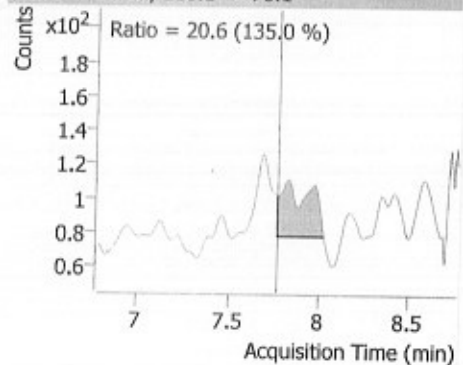


Pymetrozine

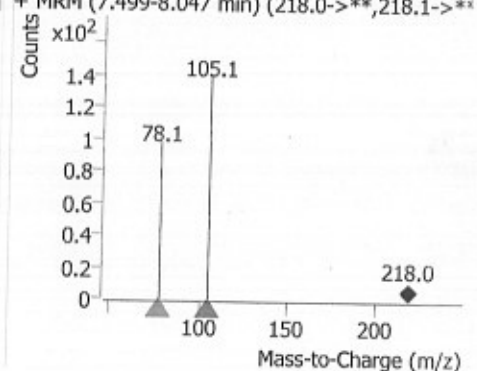
+ MRM (218.0 -> 105.1) FS0117004226 Turmeri



218.0 -> 105.1, 218.1 -> 78.1



+ MRM (7.499-8.047 min) (218.0->**,218.1->**) FS011700



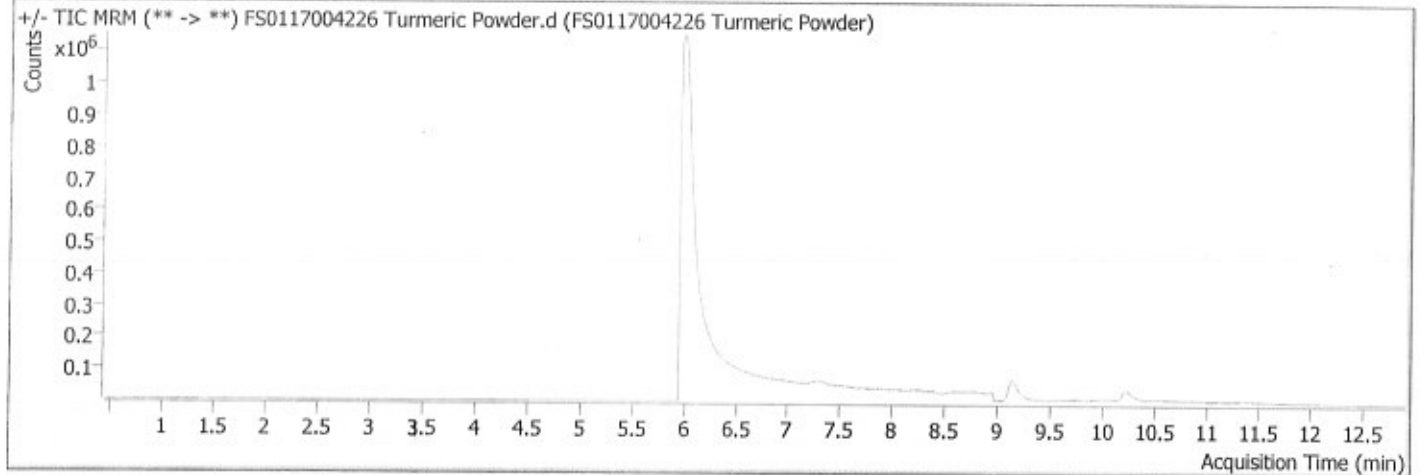
B

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 4:12:44 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 11:04 PM Data File FS0117004226 Turmeric Powder.d
 Sample Type Sample Sample Name FS0117004226 Turmeric Powder
 Dilution 1 Acq. Method DMRM_FSSAI_1023.m

Sample Chromatogram



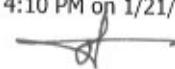
Compound	Transition	RT	Resp.	Final Conc	Units
Thiometon sulfoxide	263.0 -> 157.1	1.406	0	ND	ng/ml
Methamidaphos	141.9 -> 94.0	4.853	88	6.9041	ng/ml
Flubendamide	683.0 -> 273.9	5.308	0	ND	ng/ml
Thiocyclam	182.0 -> 137.0	6.186	1160	2.3824	ng/ml
Abamectin	184.0 -> 143.0	6.063	979	1.7656	ng/ml
Acephate	184.0 -> 125.0	6.345	349	2.2650	ng/ml
Dinotefuran	203.0 -> 129.0	6.734	149	0.2408	ng/ml
Diclosulam	406.0 -> 161.0	7.023	0	ND	ng/ml
Benomyl	191.9 -> 159.9	7.310	64015	ND	ng/ml
Carbendazim	192.1 -> 160.1	7.310	45419	ND	ng/ml
Topramezone	362.1 -> 334.2	7.021	0	ND	ng/ml
Carbofuran, - 3 hydroxy	238.1 -> 163.1	8.092	159	0.0134	ng/ml
2,4-D	221.0 -> 163.0	8.174	276	ND	ng/ml
Flupyradifurone	289.1 -> 126.0	8.101	728	ND	ng/ml
Dimethoate	230.0 -> 199.0	8.193	473	ND	ng/ml
Cymoxanil	199.1 -> 111.0	8.864	1914	ND	ng/ml
Phosphamidon	300.2 -> 127.0	8.788	354	0.2787	ng/ml
Thiophenate methyl	343.1 -> 151.1	9.041	191	ND	ng/ml
Bentazone	241.1 -> 198.9	9.079	1	ND	ng/ml
Malaxon	315.1 -> 99.1	9.298	32	ND	ng/ml
Carbofuran	222.0 -> 122.9	9.148	251716	ND	ng/ml
Simazine	202.1 -> 96.1	9.138	123	ND	ng/ml
Fenthion sulfoxide	295.0 -> 109.1	9.350	758	ND	ng/ml
Hexazinone	253.3 -> 171.1	9.208	1844	ND	ng/ml
Tembotrione	441.2 -> 262.1	9.693	3	ND	ng/ml
Metalaxyl	280.1 -> 160.1	9.566	216	0.1910	ng/ml
Linuron	249.0 -> 160.0	9.300	45	ND	ng/ml
Metalaxyl-M	279.8 -> 219.8	9.637	281	ND	ng/ml
Iodosulfuron-Methyl	508.0 -> 167.1			ND	ng/ml
Isoproturon	207.2 -> 72.3	9.721	295	ND	ng/ml

8

8

Quantitative Analysis Sample Report

Compound	Transition	RT	Resp.	Final Conc	Units
Methabenzthiazuron	222.1 -> 165.1	9.148	124032	ND	ng/ml
Forchlorfenuron	248.1 -> 129.1	9.689	1745	ND	ng/ml
Ametryn	228.2 -> 186.1	9.761	802	1.1562	ng/ml
Diuron	232.8 -> 72.0	9.823	1213	ND	ng/ml
Paraquat	171.2 -> 77.0	9.742	176	ND	ng/ml
Sulfosulfuron	471.1 -> 211.1	9.795	12	0.4581	ng/ml
Fluchloralin	355.9 -> 235.9	9.942	43	7.5892	ng/ml
Mandipropamid	411.9 -> 328.1	9.899	2	ND	ng/ml
Fenamidon	311.9 -> 236.0	10.127	35	ND	ng/ml
Boscalid	343.0 -> 271.0	10.045	4	ND	ng/ml
Chlorimuran ethyl	415.0 -> 186.0	9.898	30	ND	ng/ml
Dimethomorph	388.2 -> 301.0	9.889	19	ND	ng/ml
Fluopicolide	382.9 -> 172.9	10.033	293	ND	ng/ml
Dithianon	295.9 -> 70.2	10.283	160	ND	ng/ml
Paclobutrazol	294.1 -> 70.1	10.078	282	ND	ng/ml
Propanil	218.0 -> 161.9	9.967	553	ND	ng/ml
Myclobutanil	289.1 -> 70.1	9.678	204	ND	ng/ml
Fluopyram	397.4 -> 172.9	10.545	793	ND	ng/ml
Chromafenozide	395.2 -> 175.1	10.145	122	ND	ng/ml
Pyrazosulfuron ethyl	415.1 -> 182.0	10.031	4	ND	ng/ml
Tetraconazole	371.9 -> 159.0	10.218	0	ND	ng/ml
Halosulfuron methyl	435.1 -> 182.1	10.001	6	ND	ng/ml
Cyazofamid	325.0 -> 108.0	10.230	8	ND	ng/ml
Picoxystrobin	368.1 -> 205.1	10.321	532	ND	ng/ml
Tridemorph	298.4 -> 130.1	10.354	1217	ND	ng/ml
Diflubenzuron	311.0 -> 158.0	10.486	962	ND	ng/ml
Edifenphos	311.0 -> 109.0	10.580	2348	ND	ng/ml
Anilphos	368.2 -> 199.1	10.577	56	ND	ng/ml
Fenthion sulphone	310.6 -> 108.7	10.549	9422	0.4509	ng/ml
Tebuconazole	308.1 -> 70.0	10.601	6749	ND	ng/ml
Penconazole	284.2 -> 70.0	10.602	1208	ND	ng/ml
Pyraclostrobin	388.0 -> 194.1	10.566	16	ND	ng/ml
Carpropamid	334.1 -> 139.0	10.517	361	ND	ng/ml
Propiconazole	342.1 -> 159.0	10.558	2334	ND	ng/ml
Diazinon	305.1 -> 169.1	10.632	18	ND	ng/ml
Pinoxaden	401.4 -> 317.2	10.063	4	1.0316	ng/ml
Indoxacarb	528.1 -> 149.9	10.624	6	ND	ng/ml
Bitertanol	338.3 -> 70.0	10.620	327	ND	ng/ml
Cyflumetafen	465.2 -> 249.0	10.676	54	ND	ng/ml
Metrafenone	409.1 -> 209.1	10.596	89	ND	ng/ml
Haloxyp-R-methyl	376.1 -> 316.0	11.351	30	ND	ng/ml
Ametrictadin	276.1 -> 149.0	10.283	0	ND	ng/ml
Metaflumizone	507.6 -> 177.7	10.717	61	ND	ng/ml
Benfuracarb	411.4 -> 252.2	10.298	2	0.9947	ng/ml
Fluazifop-butyl	384.0 -> 282.0	10.770	533	ND	ng/ml
Lufenuron	511.0 -> 158.1	10.828	18	ND	ng/ml
Pretilachlor	312.2 -> 252.0	10.865	808	ND	ng/ml
Tolfenpyrad	384.1 -> 197.0	10.902	54	ND	ng/ml
Buprofezin	306.2 -> 201.1	10.988	762	0.8772	ng/ml
Propaquizafop	444.1 -> 100.0	11.002	13	ND	ng/ml
Etoazole	360.3 -> 141.0	11.129	1045	0.4824	ng/ml
Sodium Aceflourofen	360.0 -> 316.1	11.190	89	0.1392	ng/ml
Hexythiazox	353.0 -> 228.1	11.119	321	ND	ng/ml
Chlorfluazuron	540.0 -> 382.9	11.143	107	1.3273	ng/ml
Pendimethalin	282.1 -> 212.1	11.163	1472	ND	ng/ml

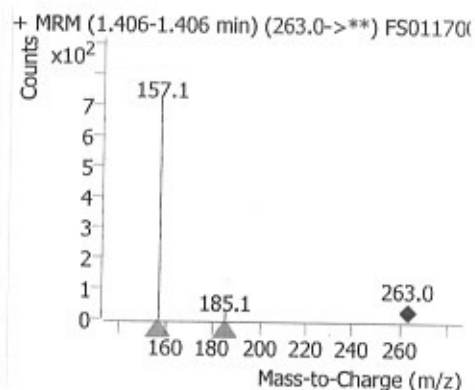
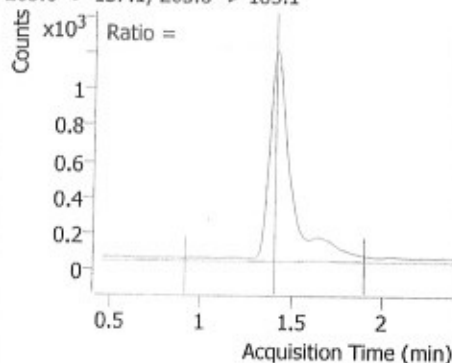
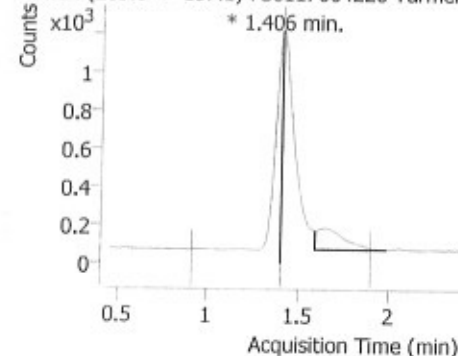



Quantitative Analysis Sample Report

Compound	Transition	RT	Resp.	Final Conc	Units
Kasugamycin	380.1 -> 70.1	11.676	0	ND	ng/ml
Carbosulfan	381.2 -> 118.1	11.777	133	ND	ng/ml

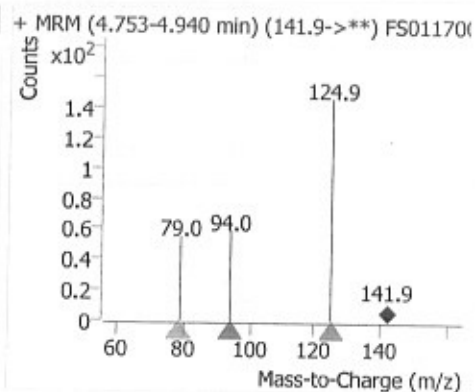
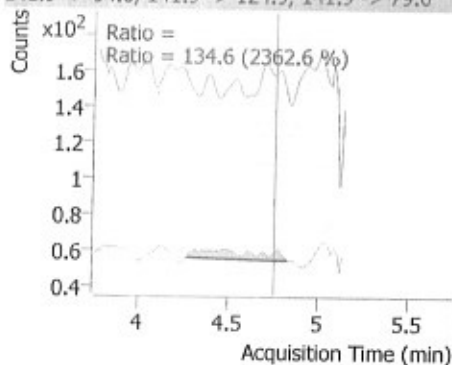
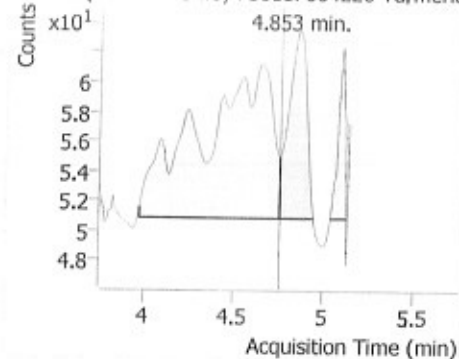
Thiometon sulfoxide

+ MRM (263.0 -> 157.1) FS0117004226 Turmeri 263.0 -> 157.1, 263.0 -> 185.1



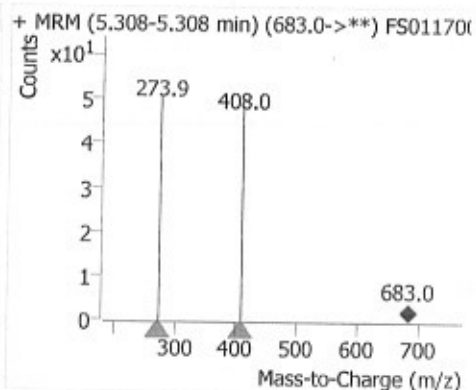
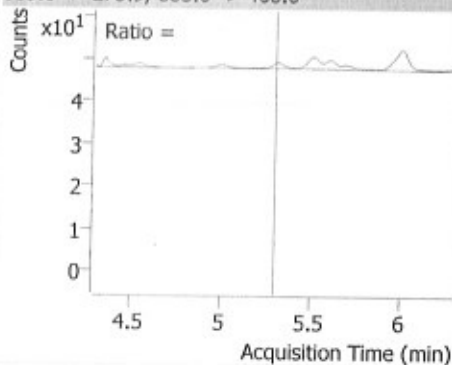
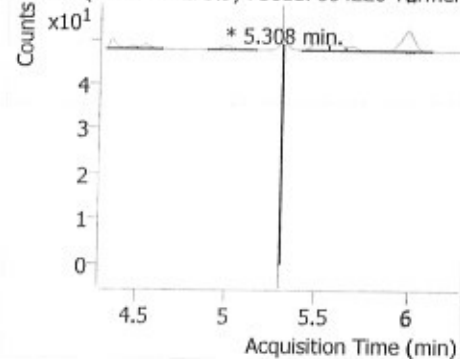
Methamidaphos

+ MRM (141.9 -> 94.0) FS0117004226 Turmeric 141.9 -> 94.0, 141.9 -> 124.9, 141.9 -> 79.0



Flubendamide

+ MRM (683.0 -> 273.9) FS0117004226 Turmeri 683.0 -> 273.9, 683.0 -> 408.0

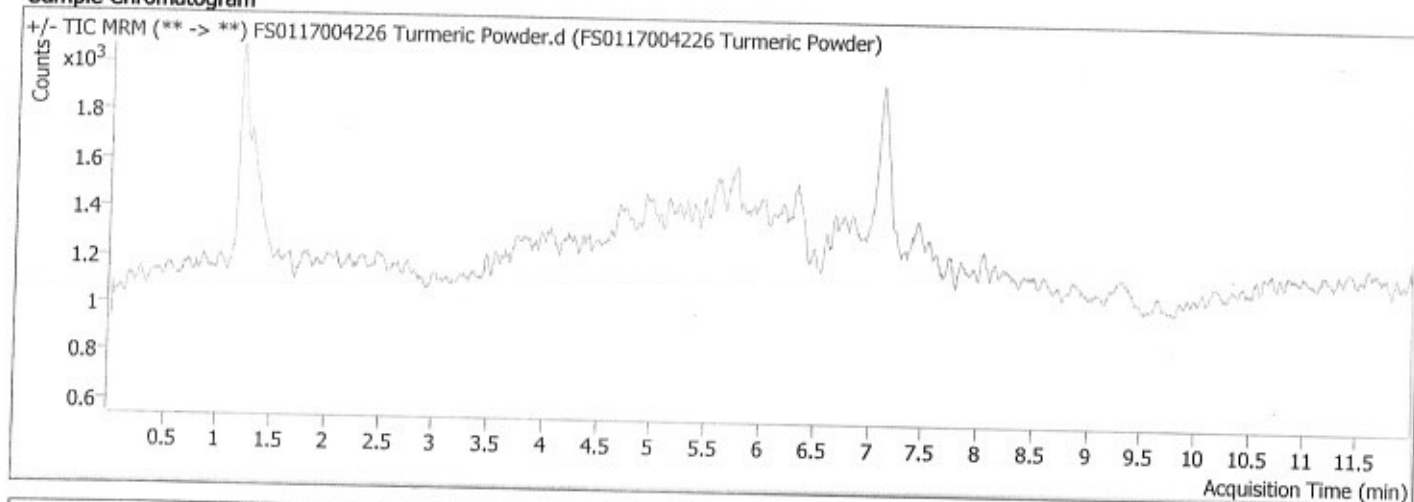


Quantitative Analysis Sample Report



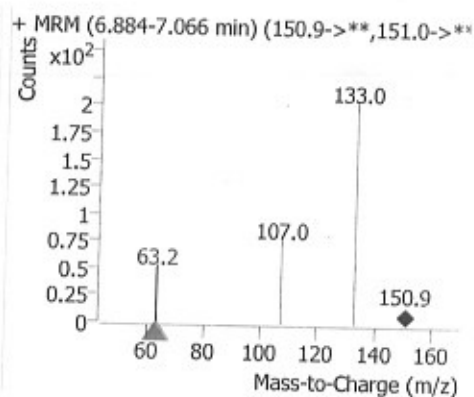
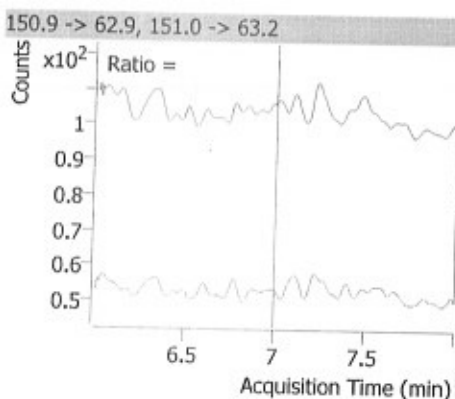
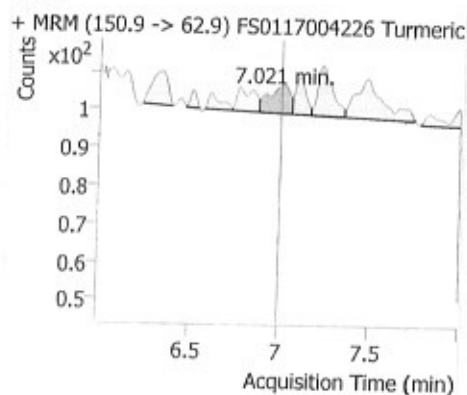
Batch Path	D:\MassHunter\Data\2026\Jan_2026\22.01.2026_PGR\QuantResults\PFR.batch.bin		
Analysis Time	1/23/2026 11:57 AM	Analyst Name	LCMSMS\LC-MSMS1
Report Time	1/23/2026 11:57:37 AM	Reporter Name	LCMSMS\LC-MSMS1
Last Calib Update	1/23/2026 11:57 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0
Acq. Time	1/23/2026 4:47 AM	Data File	FS0117004226 Turmeric Powder.d
Sample Type	Sample	Sample Name	FS0117004226 Turmeric Powder
Dilution	1	Acq. Method	Gly-Glf_24.m

Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
MPPA	150.9 -> 62.9	7.021	61	ND	ng/ml
Fosetyl-Al	110.0 -> 93.0	7.073	500	ND	ng/ml
NAG.	222.0 -> 122.9	7.112	4620	ND	ng/ml
Glyphosate_FMOc	425.0 -> 182.1	7.466	67	ND	ng/ml
Glufosinate Ammonium_FMOc	404.0 -> 372.2	7.796	17	ND	ng/ml

MPPA



		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 : FS0117004226			

Pesticides Residue

Method:- SIMA/INS/STP/003

Sample weight:- 5.00418g

Final Volume:- 10ml

Result:- BHA (1000.01) mg/kg

Dithiocarbamates as CS2

Method:- SIMA/INS/STP/003

Sample weight:- 10.00025g

Final Volume:- 10ml

Result:- BHA (1000.01) mg/kg

Done by

Checked By

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

MASTER COPY

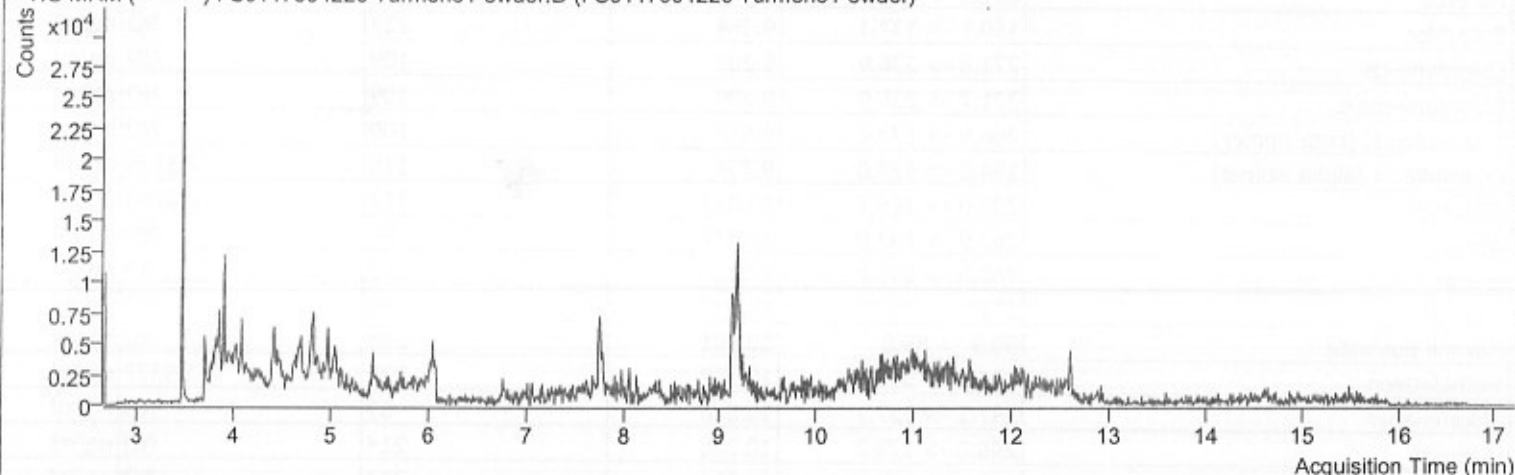
Quantitative Analysis Sample Report



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 01:16:48 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 7:29 PM	Data File	FS0117004226 Turmeric Powder.D
Sample Type	Sample	Sample Name	FS0117004226 Turmeric Powder
Dilution	1	Acq. Method	Multiresidues_dMRM_Final

Sample Chromatogram

+ TIC MRM (** -> **) FS0117004226 Turmeric Powder.D (FS0117004226 Turmeric Powder)



Compound	Transition	RT	Resp.	Final Conc	Units
Dichlorvos	109.0 -> 79.0	3.470	328	ND	ng/ml
Trichlorfon	109.0 -> 78.9	3.470	328	ND	ng/ml
Atrazine	208.0 -> 63.0	4.025	22	ND	ng/ml
Captan	151.0 -> 80.0	5.031	113	ND	ng/ml
Clodina fop-Propargyl	151.0 -> 80.0	5.031	113	ND	ng/ml
Trizophos	79.0 -> 77.0	5.051	2764	ND	ng/ml
Cinmethylin	125.0 -> 89.0	5.538	32	3.6995	ng/ml
Chlorpropham	127.0 -> 65.1	5.958	0	ND	ng/ml
BHC-alpha (benzene hexachloride)	216.9 -> 181.0	6.241	175	ND	ng/ml
BHC-delta	217.0 -> 181.1	6.501	56	0.6229	ng/ml
BHC-beta	216.9 -> 181.1	6.745	93	0.6270	ng/ml
BHC-gamma (Lindane, gamma HCH)	216.9 -> 181.0	6.745	93	ND	ng/ml
Paraoxon	108.9 -> 81.0	7.625	1198	ND	ng/ml
Diazinon	137.1 -> 84.0	7.779	232	3.2982	ng/ml
Fluchloralin	306.0 -> 263.9	6.971	0	ND	ng/ml
Paraoxon-methyl	108.9 -> 79.0	7.178	48	4.2086	ng/ml
Chlorpyrifos-methyl	285.9 -> 93.0	7.330	69	ND	ng/ml
Fenitrothion	125.1 -> 47.0	7.578	75	ND	ng/ml
Parathion-methyl	262.9 -> 109.0	7.378	125	6.6012	ng/ml
Propanil	166.0 -> 55.1	7.801	80	ND	ng/ml
Vinclozolin	187.0 -> 124.0	7.909	58	ND	ng/ml
Alachlor	188.1 -> 160.1	7.699	58	ND	ng/ml
Pirimiphos-methyl	290.0 -> 125.0	8.141	78	0.6737	ng/ml
Pirimiphos-ethyl	152.1 -> 84.0	7.758	61	1.2240	ng/ml
Chlorpyrifos	196.9 -> 169.0	8.310	52	ND	ng/ml
Phorate sulfone	124.9 -> 96.9	7.780	924	ND	ng/ml
Phorate	121.0 -> 65.0	8.277	52	ND	ng/ml
Fenthion	278.0 -> 109.0	8.367	74	7.7981	ng/ml
Parathion	109.0 -> 81.0	7.933	3034	ND	ng/ml
Malaoxon	126.9 -> 99.0	8.400	49	ND	ng/ml

Quantitative Analysis Sample Report

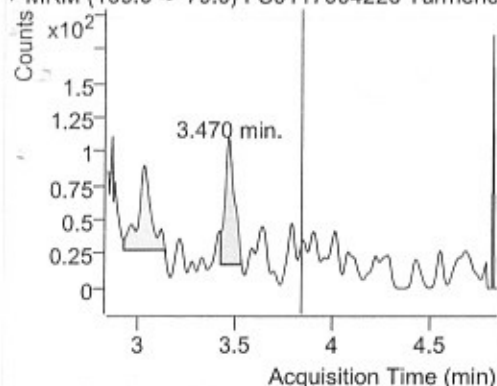
Compound	Transition	RT	Resp.	Final Conc	Units
Malathion	126.9 -> 99.0	8.590	48	1.4035	ng/ml
Dicofol	139.0 -> 111.0	8.626	91	0.6436	ng/ml
Etofenprox	206.9 -> 171.9	8.741	82	0.5237	ng/ml
Pendimethalin	251.8 -> 162.2	8.872	47	0.8285	ng/ml
Oxyfluorfen	252.0 -> 146.0	9.282	168	0.8110	ng/ml
Chlorfenvinphos	266.9 -> 159.0	8.571	112	0.3095	ng/ml
Profenofos	296.8 -> 268.7	9.369	87	ND	ng/ml
Heptachlor-epoxide	262.9 -> 193.0	9.006	238	0.1134	ng/ml
Fonofos	350.8 -> 254.8	9.164	123	6.4845	ng/ml
Butachlor	160.1 -> 132.1	9.364	217	ND	ng/ml
Chlordane-cis	271.8 -> 236.9	9.209	109	ND	ng/ml
Chlordane-trans	271.7 -> 236.9	9.209	109	ND	ng/ml
Endosulfan II (beta isomer)	206.9 -> 172.0	9.516	100	ND	ng/ml
Endosulfan I (alpha isomer)	194.9 -> 125.0	9.754	115	2.5126	ng/ml
DDD-o,p'	235.0 -> 165.1	10.042	114	0.0766	ng/ml
Aldrin	262.9 -> 192.9	10.077	88	ND	ng/ml
Endrin	262.8 -> 193.0	9.931	113	ND	ng/ml
Dieldrin	262.9 -> 193.0	10.077	88	ND	ng/ml
Pipronil Butoxide	90.9 -> 65.0	10.901	298	ND	ng/ml
Methidathion	104.1 -> 51.0	10.157	224	1.5377	ng/ml
Chlorfenapyr	247.1 -> 227.1	10.670	81	ND	ng/ml
DDE-o,p'	246.0 -> 176.2	10.206	214	ND	ng/ml
DDE-p,p'	246.1 -> 176.2	10.206	214	ND	ng/ml
Phorate Sulfoxide	96.9 -> 78.9	10.718	58	ND	ng/ml
Ethion	124.9 -> 96.9	10.624	111	ND	ng/ml
Quintozene	318.0 -> 131.0			ND	ng/ml
DDD-p,p'	237.0 -> 165.1	11.042	96	1.5332	ng/ml
DDT-o,p'	235.0 -> 165.2	10.956	61	1.0867	ng/ml
DDT-p,p'	235.0 -> 165.2	10.956	61	1.0867	ng/ml
Diclofop-methyl	253.0 -> 162.1	11.771	79	0.3491	ng/ml
Heptachlor	271.7 -> 236.9	11.453	65	1.0748	ng/ml
Boscalid	123.0 -> 81.1	12.606	3523	ND	ng/ml
Bifenthrin	166.2 -> 165.2	12.369	309	ND	ng/ml
Fenpropathrin	125.0 -> 55.1	12.283	184	ND	ng/ml
Bromopropylate	338.8 -> 182.9	12.645	46	ND	ng/ml
Fenthion sulfone	124.9 -> 79.0	12.574	50	2.2148	ng/ml
Fenthion sulfoxide	125.0 -> 79.0	12.574	50	2.2148	ng/ml
Iprodione	187.0 -> 124.0	12.165	0	ND	ng/ml
Phosalone	182.0 -> 75.0	12.677	40	ND	ng/ml
Endosulfan sulfate	271.9 -> 237.0	12.952	0	ND	ng/ml
Cyhalothrin (Lambda)	181.1 -> 127.1			ND	ng/ml
Pyrethrins	204.0 -> 176.0	13.660	44	ND	ng/ml
Permethrin, (1R)-cis-	182.9 -> 155.1	13.809	55	ND	ng/ml
Hexachlorobenzene	121.1 -> 77.0	14.380	0	ND	ng/ml
Permethrin, (1R)-trans-	162.9 -> 91.1	14.133	316	ND	ng/ml
Cyfluthrin (Sum of Isomers)	162.9 -> 90.9	14.133	316	ND	ng/ml
Azinphos-methyl	160.0 -> 132.1	14.620	0	ND	ng/ml
Fluvalinate-tau I	181.0 -> 152.0	14.904	153	ND	ng/ml
Fenvalerate I	181.0 -> 152.1	14.906	186	ND	ng/ml
Deltamethrin	181.0 -> 152.1	14.904	231	ND	ng/ml
Cypermethrin (Sum of Isomers)	163.0 -> 91.0	15.031	820	ND	ng/ml
Fenvalerate II {CAS # 51630-58-1}	208.9 -> 141.1	14.891	59	ND	ng/ml
Fluvalinate-tau II {CAS # 102851-06-9}	181.0 -> 152.0	14.905	104	ND	ng/ml
Fenamidone	198.9 -> 157.0	15.610	100	ND	ng/ml
Azinphos-ethyl	160.0 -> 132.1	15.683	0	ND	ng/ml

Quantitative Analysis Sample Report

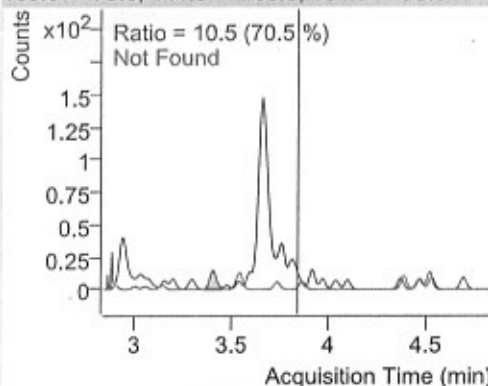
Compound	Transition	RT	Resp.	Final Conc	Units
Fluvalinate I	206.0 -> 178.9	15.748	231	2.3732	ng/ml
Fluvalinate II {CAS # 69409-94-5}	206.0 -> 178.9	15.748	231	2.3732	ng/ml

Dichlorvos

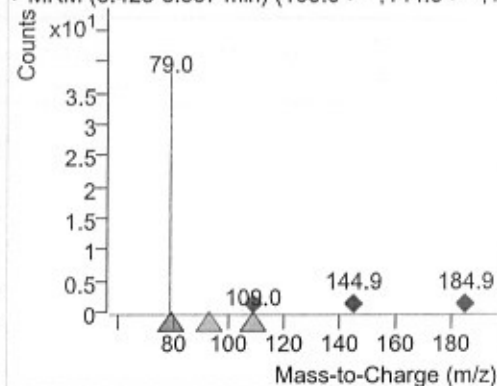
+ MRM (109.0 -> 79.0) FS0117004226 Turmeric



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

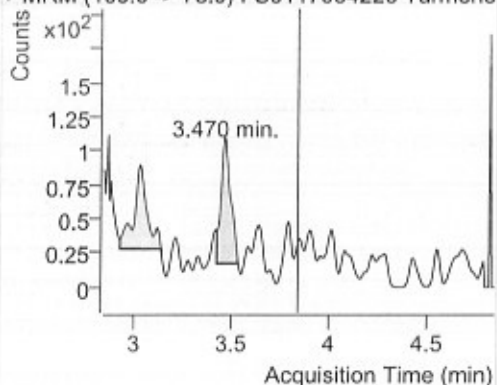


+ MRM (3.428-3.537 min) (109.0->**,144.9->**,1

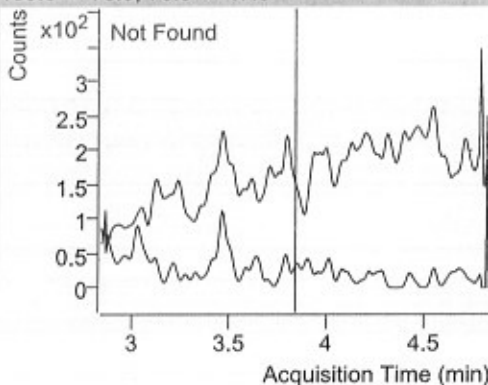


Trichlorfon

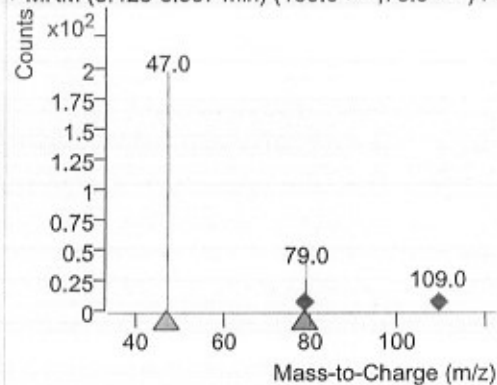
+ MRM (109.0 -> 78.9) FS0117004226 Turmeric



109.0 -> 78.9, 78.9 -> 47.0

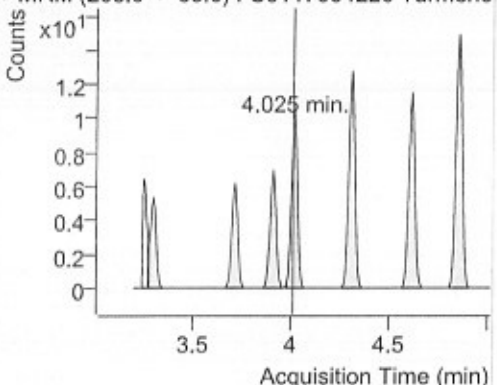


+ MRM (3.428-3.537 min) (109.0->**,78.9->**) F

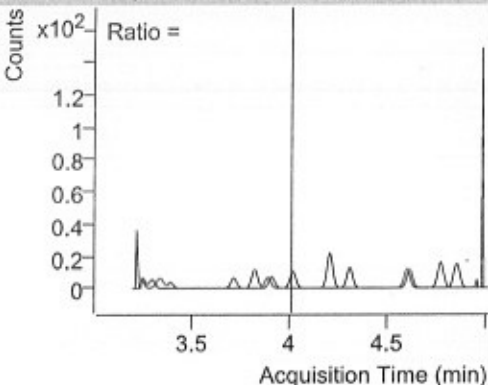


Atrazine

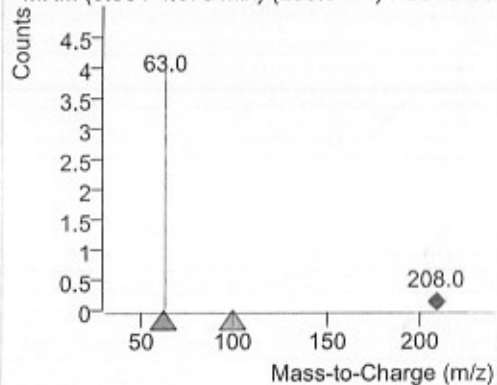
+ MRM (208.0 -> 63.0) FS0117004226 Turmeric



208.0 -> 63.0, 208.0 -> 99.0



+ MRM (3.984-4.073 min) (208.0->**) FS011700

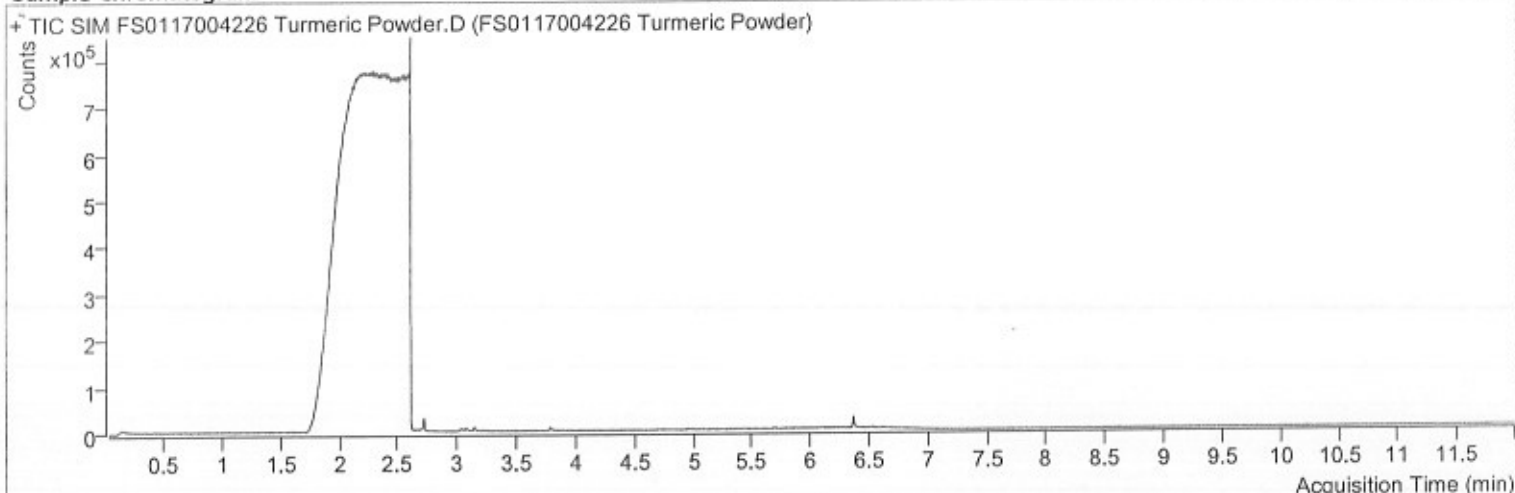


Quantitative Analysis Sample Report



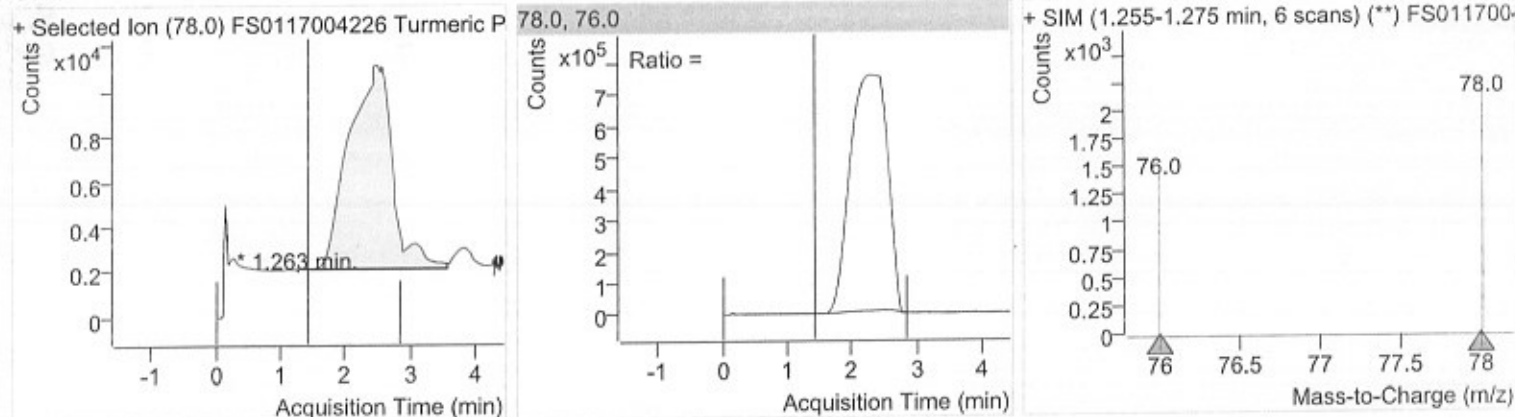
Batch Path	E:\ALL DATA\DATA 2026\01 January\1\21012026\CS2\QuantResults\CS2.batch.bin		
Analysis Time	24-Jan-26 1:17 PM	Analyst Name	GCMS91\GCMSMS
Report Time	24-Jan-26 01:17:59 PM	Reporter Name	GCMS91\GCMSMS
Last Calib Update	24-Jan-26 1:17 PM	Batch State	Processed
Quant Batch Version	B.09.00	Quant Report Version	B.09.00
Acq. Time	22-Jan-26 5:54 AM	Data File	FS0117004226 Turmeric Powder.D
Sample Type	Sample	Sample Name	FS0117004226 Turmeric Powder
Dilution	1	Acq. Method	GCMS_CS2

Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
CS2	78.0	1.263	41	ND	ng/ml

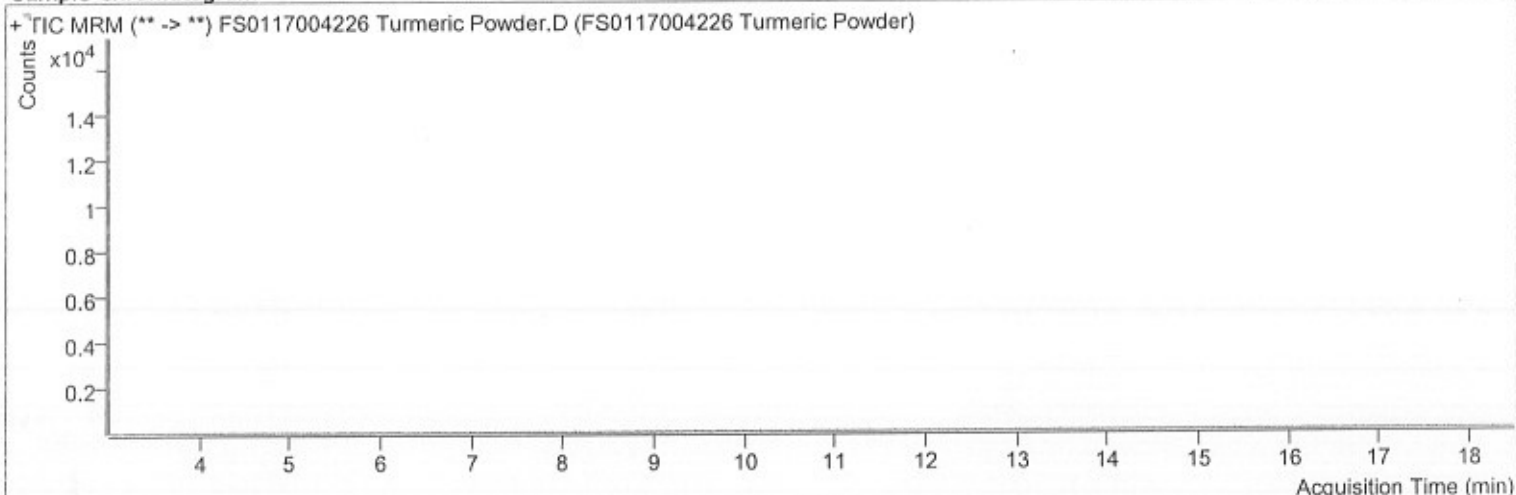
CS2



Quantitative Analysis Sample Report

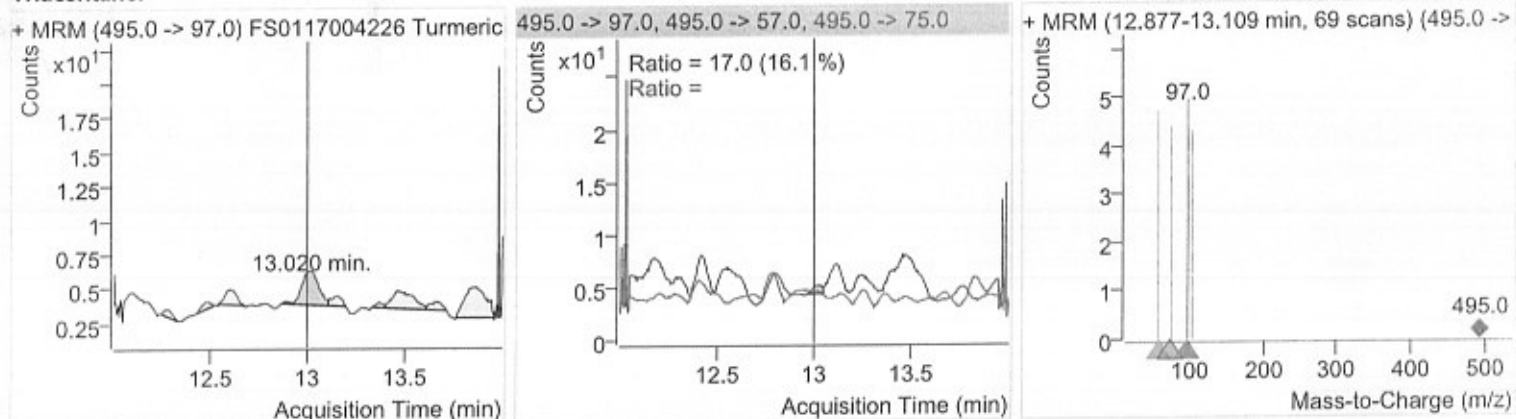
Batch Path	E:\ALL DATA\DATA 2026\01 January\1\21012026\Triacontanol\QuantResults\Triacontanole.batch.bin		
Analysis Time	24-Jan-26 1:24 PM	Analyst Name	GCMS91\GCMSMS
Report Time	24-Jan-26 01:24:48 PM	Reporter Name	GCMS91\GCMSMS
Last Calib Update	24-Jan-26 1:24 PM	Batch State	Processed
Quant Batch Version	B.09.00	Quant Report Version	B.09.00
Acq. Time	22-Jan-26 2:51 PM	Data File	FS0117004226 Turmeric Powder.D
Sample Type	Sample	Sample Name	FS0117004226 Turmeric Powder
Dilution	1	Acq. Method	Triacontanol MRM

Sample Chromatogram



Compound	Transition	RT	Resp.	Final Conc	Units
Triacontanol	495.0 -> 97.0	13.020	15	ND	ng/ml

Triacontanol



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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.:	Amend. Date:	
Name of Sample:				Potency :	FS0117004226	
Batch No. :				Sample Code :	Tata Sampann Turmeric Powder	

Batch No. GP357D2

ICP-MS								
Sample Code	FS0117004226			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	94.201	0.055	25	1	0.5560	4.233	4.233	0.100
As	0.432	0.152	25	1	0.5560	0.013	BLQ	0.020
Cd	0.348	0.000	25	1	0.5560	0.016	BLQ	0.020
Sn	1.806	9.715	25	1	0.5560	-0.356	BLQ	0.010
Hg	0.333	0.436	25	1	0.5560	-0.005	BLQ	0.020
Pb(ODB)	0.841	0.001	25	1	0.5560	0.041	0.041	0.020
M.Hg(as Hg)	0.333	0.436	25	1	0.5560	-0.005	BLQ	0.020

Done by *Pooja* 24/01/2024

Checked By *Arun* 24/01/2026

	Prepared by <i>Rishabh Kashyap</i> <i>Quality Executive</i>	Reviewed by <i>B. S. Rastogi</i> <i>11/12/23</i>	Approved by <i>Rishabh Kashyap</i> <i>Quality Executive</i>
Name & Designation	Signature & Date		Signature & Date

MASTER COPY

CONTROLLED COPY

Quantitation Report

Data File Name 036SMPL.d
 Acq/Data Batch D:\Agilent\ICPMH\1\DATA\ALL 2026\January-1\23-01-2026.b
 Acq Time 1/23/2026 12:53:53 PM
 Sample Name FS0117004226
 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

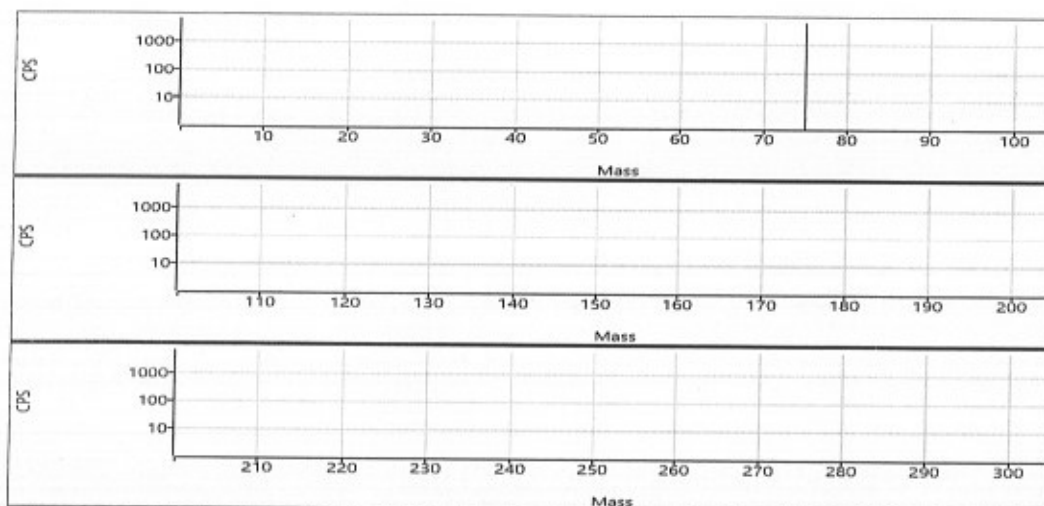
FullQuant Table

Element	Mass	ISTD	Tune Mode	Conc.	Units	RSD(%)	CPS	Ratio	Det.	Time(sec)	Rep
Cu	63		He	94.201	ppb	0.1	2256743.66		Analog	0.3000	3
As	75		He	0.432	ppb	7.2	1331.19		Pulse	0.3000	3
Cd	111		He	0.348	ppb	7.7	2382.47		Pulse	0.3000	3
Sn	118		He	1.806	ppb	18.2	13121.41		Pulse	1.0000	3
Hg	202		He	0.333	ppb	4.0	2909.35		Pulse	1.0000	3
Pb	208		He	0.841	ppb	0.7	56420.30		Pulse	0.3000	3

ISTD Table:

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

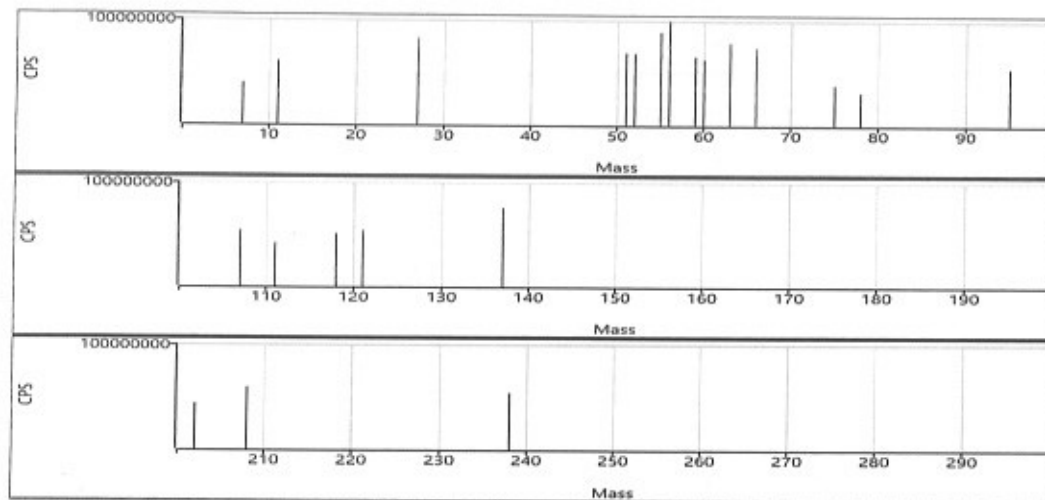


Agilent
24/01/2026

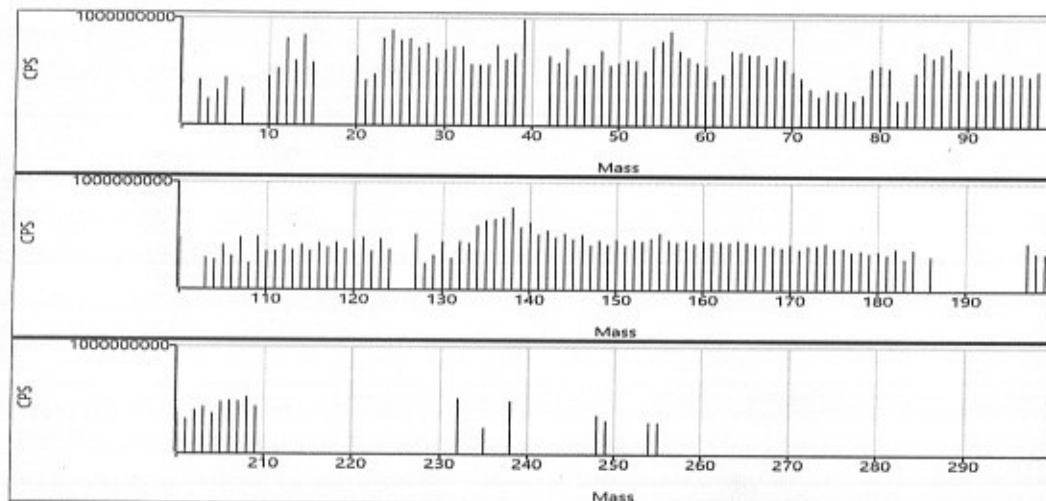
Agilent
24/01/2026

Quantitation Report

He



Quick Scan



Page 1
24/01/2026

Agus
24/01/2026

Quantitation Report

Data File Name 026SMPL.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

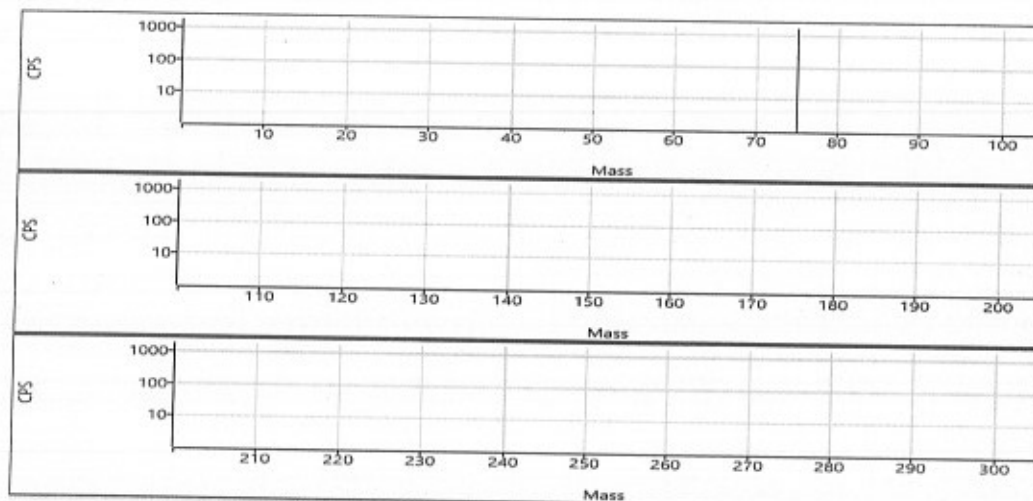
FullQuant Table

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(seq)	Rep
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No Gas

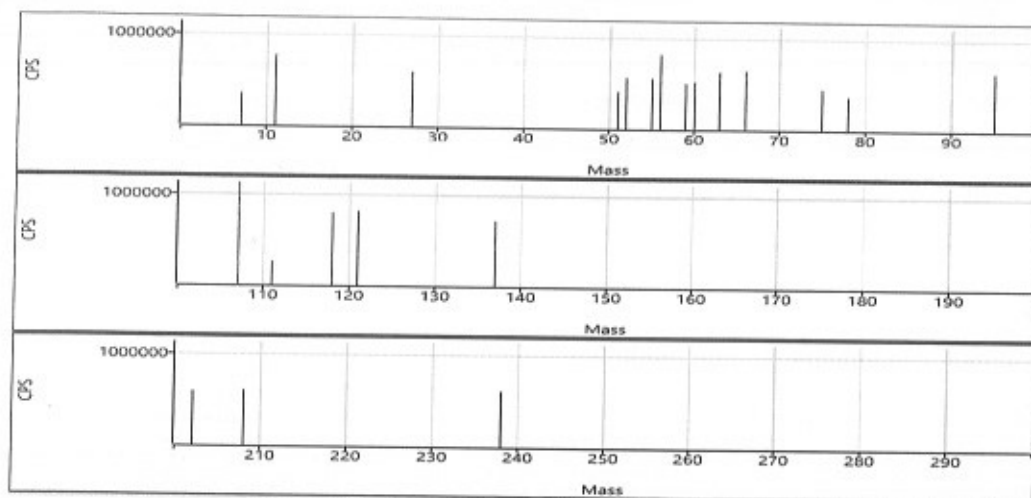


Peter
 24/01/2026

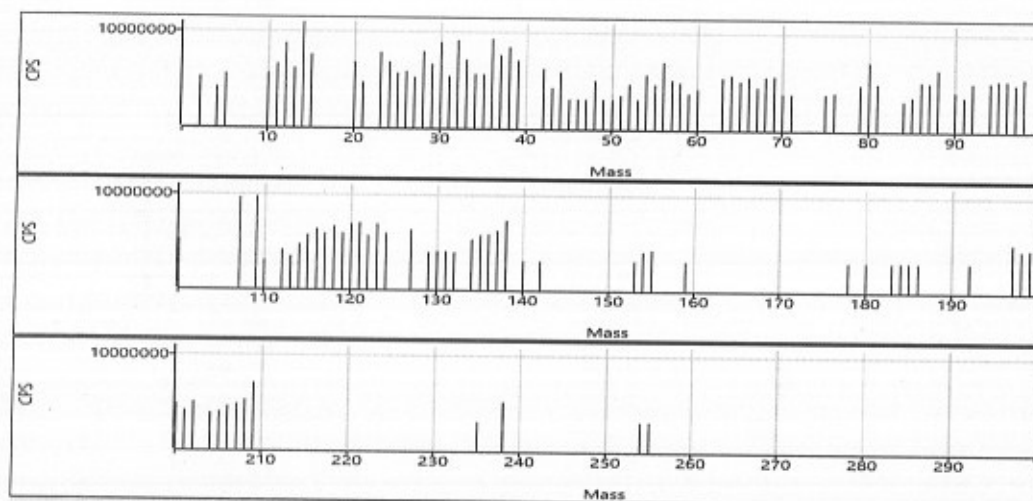
Agun
 24/01/2026

Quantitation Report

He



Quick Scan



Perry
24/01/2026

Agus
24/01/2026