

**Quality Evaluation Laboratory, Spices Board,
Gummidipoondi, Chennai, Tamil Nadu**

**Details on requirement for Analysis of Spices & Spice products
samples for various parameters**

Sr No	Name of Analysis	Min Qty Reqd. in gm	Charges Rs.	Charges Rs. (Inclusive of 15% ST)	* No of Days Required
1	Acid insoluble ash	250	400	460	3
2	Aflatoxin [B1,B2,G1,G2 & Total] (HPLC -METHOD)	250	2250	2588	3
3	Alcohol soluble extract	250	250	288	3
4	Capsaicin-HPLC method (% SHU)	100	1500	1725	4
5	Chromate test (Qualitative)	100	300	345	2
6	Cold water soluble extract	100	300	345	4
7	Coliforms	100	450	518	5
8	Colour value(ASTA METHOD)	100	450	518	3
9	Crocine	10	850	978	2
10	Curcumin (ASTA METHOD)	100	500	575	3
11	Extraneous / Foreign matter	250	300	345	1
12	E. coli	100	900	1035	8
13	Heavy metals (Cd, Cr, Cu, Fe, Mg, Mo, Pb & Zn)	100	500 ##	575	5
14	Mineral oil in Black Pepper	500	500	575	2
15	Moisture (ASTA METHOD)	250	400	460	2
16	Non - volatile ether extract	100	450	518	6
17	Oleoresin (EDC extractable)	100	400	460	5
18	Ochratoxin A[HPLC -METHOD]	250	2500	2875	5
19	Other Seeds in Cumin	250	300	345	1
20	Picrocrocine	10	850	978	2

21	Piperine (ASTA METHOD)	100	850	978	3
22	Safranal	10	850	978	2
23	Salmonella	100	1700	1955	8
24	Staphylococcus aureus	100	900	1035	5
25	Sudan Dyes [I,II,III & IV] (HPLC METHOD)	100	2000	2300	2
26	Sudan Dyes [I,II,III & IV] (LC- MS/MS METHOD)	100	2500	2875	2
27	Synthetic Dyes II (Sudan Red 7b,Sudan Orange G, Para Red, Rhodamine B & Butter Yello) [LC-MS/MS METHOD]	100	2250	2588	2
28	Synthetic Dyes II - Single compound (any of the above)	100	1500	1725	2
29	Total ash	100	400	460	3
30	Total plate count	100	500	575	3
31	Volatile oil	200	400	460	3
32	Water soluble ash	100	450	518	4
33	Yeast (Microbiological)	100	400	460	6
34	Yeast and Mould (Microbiological)	100	400	460	6

Note:-

1. ## Analytical charges Rs. 500/- per element
2. * The days required for the analysis will increase depending on the inflow of samples for analysis.

The samples may be sent to the Deputy Director, Spices Board, Plot No. R-11, SIPCOT Industrial Complex, Gummidipoondi -601 201 along with analytical charges in the form of Demand Draft drawn in favour of Secretary, Spices Board payable at Ernakulam.