

Quality Evaluation Laboratory, Spices Board ,Mumbai

Details of the Analysis on various parameters showing the analytical charges, minimum quantity and number of days required for completion of analysis.

Sl. No.	Name of Analysis	Min. Qty. Reqd. In Gm	¹ Charges Rs.	² No. of days reqd.
PHYSICO-CHEMICAL ANALYSIS				
1	Acid insoluble ash	250	450	3
2	Capsaicin - HPLC method (%/SHU)	100	1800	4
3	Colour value (ASTA METHOD)	100	500	3
4	Crocine	10	1000	2
5	Curcumin (ASTA METHOD)	100	600	3
6	Extraneous matter in Cumin	500 / 250	385	1
7	Moisture (ASTA METHOD)	250	450	2
8	Mould (Physical)	250	350	1
9	Other Seeds in Cumin	100	385	1
10	Picrocrocine	10	1000	2
11	Piperine (ASTA METHOD)	100	1000	3
12	Safranal	10	850	2
13	Total ash	100	450	3
14	Volatile oil	200	450	3
RESIDUAL ANALYSIS				
15	Aflatoxin(B1,B2,G1,G2) [HPLC METHOD]	250	2970	3
16	Ethylene Oxide(As a sum of Ethylene Oxide and 2-Chloroethanol) ³	250	2750	4
17	Heavy metals ³ – Arsenic, Cadmium, Lead, Mercury	100	400	4

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18	Ochratoxin A [HPLC-METHOD]	250	3000	3
19	Pesticide residues. single compound (for Compounds mentioned in Pesticide Residue-VI))	200	1800	6
20	Pesticide Residues-III (Iprobenphos, Triazophos and Profenphos)	200	3000	4
21	Pesticide Residues-VI (Ethion, Iprobenphos, Triazophos, Profenophos, Phorate, Parathion, Chlorpyrifos, Methyl Parathion)	300	7700	6
22	Sudan - Dye (I,II,III & IV (LCMS/MS METHOD))	100	3300	2
23	Synthetic Dyes II - Single compound (any of the compound mentioned in Synthetic dyes II))	100	1800	2
24	Synthetic Dyes II (Sudan Red 7b, Sudan Orange G, Para Red, Rhodamine B and Butter Yellow (LC-MS/MS METHOD))	100	3000	2
MICROBIOLOGICAL ANALYSIS				
25	Aerobic Plate Count (USFDA BAM)	100	600	3
26	Bacillus cereus (USFDA BAM)	100	1000	5
27	Clostridium perfringens (USFDA BAM)	100	2500	5
28	Coliforms (AOAC Method)	100	900	2
29	Coliforms (USFDA BAM)	100	550	5
30	Enterobacteriaceae (IS)	100	600	5
31	E.coli (USFDA BAM)	100	900	8
32	E.coli (AOAC Method)	100	900	2
33	Mould (USFDA BAM)	100	500	6
34	Salmonella (FDA BAM)	375	1700	8

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35	Salmonella (AOAC OMA Method)	375	1870	3
36	Salmonella (ISO Method)	375	1700	8
37	Staphylococcus aureus (USFDA BAM)	100	900	5
38	Thermostable Bacteria (USFDA BAM)	100	600	3
39	Total Viable Count (AOAC Method)	100	900	2
40	Yeast (USFDA BAM)	100	500	6
41	Yeast and Mould (USFDA BAM)	100	500	6
42	Yeast and Mould (AOAC Method)	100	1200	3

¹Service tax @18% (or as applicable) will be charged extra as per Government norms.

²The days required for the analysis will increase depending on the inflow of samples for analysis. In case of equipment breakdown the No. of days required may increase.

³Analysis will be carried out with labs empaneled by Spices Board

Note:-

The samples may be sent to "The Sample Receipt Desk (SRD)", Quality Evaluation Laboratory , Spices Board, EL-184, TTC, MIDC, Mahape, Navi Mumbai - 400710 Maharashtra . For Any queries contact: 022-27630035, 022-27630036, 022-27630037, 022-27630038

Bank Details:

Bank Name : PUNJAB NATIONAL BANK
A/c No : 7176002100002345
A/c Name : SPICES BOARD SAMPLE TESTING
Branch : Vennala, Ernakulam
IFSC : PUNB0717600

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