

Quality Evaluation Laboratory, Spices Board, Tuticorin.					
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	¹Charges Rs.	Charges Rs. Including Service tax + Educational cess	⁵ No of Days Required
1.	Aflatoxin (B1,B2,G1,G2) [HPLC -METHOD]	250@	2250	2576	3
2.	Capsaicin – HPLC method (%/SHU)	100@	1500	1718	4
3.	Colour Value (ASTA METHOD)	100@	450	515	3
4.	Moisture (ASTA METHOD)	250	400	458	2
5.	Piperine (ASTA METHOD)	100@	850	973	3
6.	Sudan-Dye (I,II,III & IV (LC –MS/MSMETHOD)**	100	2500	2863	2
7.	Volatile oil	200@	400	458	3
8.	Extraneous/foreign matter	250	300	343.5	1
9.	Ochratoxin A [HPLC - METHOD]	250@	2500	2863	5
10.	Other Seeds	250	300	343.5	1
11.	Heavy Metal-Arsenic	100	500	573	5
12.	Heavy Metal-Copper	100	500	573	5
13.	Heavy Metal-Zinc	100	500	573	5
14.	Heavy Metal-Lead	100	500	573	5
15.	Heavy Metal-Cadmium	100	500	573	5
16.	Heavy Metal-Mercury	100	500	573	5
17.	Heavy Metal-Magnesium	100	500	573	5
18.	Heavy Metal-Nickel	100	500	573	5
19.	Heavy Metal-Molybdenum	100	500	573	5
20.	Heavy Metal-Chromium	100	500	573	5
21.	Heavy Metal-Iron	100	500	573	5
22.	Heavy Metal-Manganese	100	500	573	5
23.	Curcumin	100	500	573	8
24.	Acid Insoluble Ash	250	400	458	3
25.	Total ash	100	400	458	3

26.	Common Salt	100	400	458	3
27.	Water Soluble Ash	100	450	515	4
28.	Oleoresin (EDC extractable)	100	400	458	5
29.	Non-volatile ether extract	100	450	515	6
30.	Chromate test (qualitative)	100	300	344	2
31.	Total Plate Count	100	500	573	2
32.	Yeast and Mould (Microbiological)	100	400	458	5
33.	Coliforms	100	450	515	5
34.	E.Coli	100	900	1031	3
35.	Salmonella	100	1700	1947	6

Note: -

1. The days required for the analysis will increase depending on the inflow of samples for analysis.
2. No. of working days required for analysis

The samples may be sent to the Scientist – B, Regional centre, Spices Board, World Trade Avenue, VOC New Port, Tuticorin – 628 004, along with analytical charges in the form of Cheque/D.D drawn in favour of secretary, Spices Board.

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