

<b>Quality Evaluation Laboratory, Spices Board, Narela, Delhi</b>				
Details of the Analysis on various parameters showing the analytical charges, minimum quantity and number of days required for completion of analysis				
SI No.	Name of Analysis	Min. Qty. Reqd. in Gm	Charges Rs.	@ No of Days Required
<b>PHYSICO-CHEMICAL ANALYSIS</b>				
1	Agmark specifications	500	*	>
2	ASTA specifications	500 / 250X 10 Nos **	*	1
3	Acid insoluble ash	250	450	3
4	Alcohol soluble extract	250	300	3
5	Bulk density / Litre weight of spices	1000	300	1
6	Capsaicin - HPLC method (%/SHU)	100	1800	4
7	Chromate test (Qualitative)	100	350	2
8	Cold water soluble extract	100	350	4
9	Colour value (ASTA METHOD)	100	500	3
10	Crocine	10	1000	2
11	Curcumin (ASTA METHOD)	100	600	3
12	Excreta, mamalian	500/250	350	1
13	Excreta, others	500/250	350	1
14	Extraneous matter in cumin	250	350	1
15	Insect defiled / infested	500 / 250	350	1
16	Light berries	250	350	1
17	Moisture (ASTA METHOD)	250	450	2
18	Mould (Physical)	250	350	1
19	Non - volatile ether extract	100	550	6
20	Oleoresin (EDC extractables)	100	500	5
21	Oleoresin (EDC extractables in Black Pepper)[ISO 1108 Method]	100	500	5
22	Other Seeds	100	350	1
23	Other Seeds in Cumin	250	350	1
24	Picrocrocine	10	1000	2
25	Piperine (ASTA METHOD)	100	1000	3
26	Piperine content [ISO 5564 Method]	100	1000	3
27	Safranal	10	850	2
28	Total ash	100	450	3
29	USFDA specifications	500/250x10 nos	*	6
30	Volatile oil	200	450	3
<b>Authorized By</b> HN_GV		<b>Page No</b> 1 of 3	<b>Issue No.</b> 37	<b>Issue Date</b> 3/13/2018

<b>Quality Evaluation Laboratory, Spices Board, Narela, Delhi</b>					
Details of the Analysis on various parameters showing the analytical charges, minimum quantity and number of days required for completion of analysis					
<b>SI No.</b>	<b>Name of Analysis</b>	<b>Min. Qty. Reqd. in Gm</b>	<b>Charges Rs.</b>	<b>@ No of Days Required</b>	
31	Water soluble ash	100	550	4	
32	Whole insects,dead (by count)	250	350	1	
<b>RESIDUAL ANALYSIS</b>					
33	Aflatoxin(B1,B2,G1,G2) [HPLC -METHOD]	250	2970	3	
34	Mineral oil in Black Pepper	500	600	2	
35	Ochratoxin A [HPLC-METHOD]	250	3000	3	
36	Sudan - Dye (I,II,III & IV)[HPLC METHOD]***	100	2640	2	
37	Sudan - Dye (I,II,III & IV)[LC-MS/MS METHOD]	100	3300	2	
38	Synthetic Dyes II (Sudan Red 7b, Sudan Orange G, Para Red, Rhodamine B and Butter Yellow (LC-MS/MS METHOD))	100	3000	2	
39	Synthetic Dyes II - Single compound (any of the above)	100	1800	2	
<b>MICROBIOLOGICAL ANALYSIS</b>					
40	Aerobic Plate Count	100	600	3	
41	Aerobic Spore Count	100	600	4	
42	Coliform	100	550	5	
43	E.coli	100	900	8	
44	E.coli (AOAC Method)	100	900	2	
45	Mould	100	500	6	
46	Salmonella (FDA BAM)	375	1700	8	
47	Salmonella (AOAC OMA Method)	375	1700	3	
48	Total Viable Count (AOAC Method)	100	900	2	
49	Yeast	100	500	6	
50	Yeast and Mould Count	100	500	6	
51	Yeast and Mould (AOAC Performance Tested )	100	1200	3	
<b>Authorized By</b> HN_GV		<b>Page No</b> 2 of 3		<b>Issue No.</b> 37	
				<b>Issue Date</b> 3/13/2018	

### Quality Evaluation Laboratory, Spices Board, Narela, Delhi

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

SI No.	Name of Analysis	Min. Qty. Reqd. in Gm	Charges Rs.	@ No of Days Required
<p>Note:-</p> <ol style="list-style-type: none"> <li>1. Microbiological parameters by AOAC method/AOAC Performance tested TEMPO Method (Automated, fast analytical, validated methods which are internationally accepted). For further technical details on AOAC Method, please contact email ID sbqel@indianspices.com</li> <li>2. Analytical Charges revised with effect from 01-08-2017 Service tax @18.0% will be charged extra as per Government norms.</li> <li>3. &gt; Depends on the number of parameters for individual spices and number of samples.</li> <li>4. * Charges based on the parameter specified for each spice.</li> <li>5. **In the case of analysis for ASTA / USFDA parameters, sample size should be a minimum of 500 g for heavier items like pepper, ginger, turmeric etc. and 250 g sample for low density items like chilli and seed spices.</li> <li>6. ***Turmeric is analyzed for Sudan I-IV by HPLC Method unless otherwise specified.</li> <li>7. @The days required for the analysis will increase depending on the inflow of samples for analysis.</li> </ol> <p>The samples may be sent to the Scientist C, Quality Evaluation Laboratory, Spices Board, Sector-A-7, Plot No.5, Narela, Delhi-110040, along with analytical charges in the form of D.D. drawn in favour of Secretary, Spices Board, Kochi-25.</p>				
<b>Authorized By</b> HN_GV	<b>Page No</b> 3 of 3	<b>Issue No.</b> 37	<b>Issue Date</b> 3/13/2018	