



SPICES BOARD

(Ministry of Commerce & Industry Govt. of India)
Sugandha Bhavan
N.H.By-pass
P.B.No. 2277
Palarivattom P.O.
Kochi - 682 025, India

स्पाइसेस बोर्ड

(वाणिज्य एवं उद्योग मंत्रालय, भारत सरकार)
सुगन्ध भवन
एन.एच.बाईपास
पी. बी. नं. 2277
पालारिवट्टम पी.ओ.
कोच्ची - 682 025, भारत

Circular No:10/2023-24

04th August, 2023

Sub: Maximum limits prescribed by Qatar for pesticide residues & other chemical and microbiological parameters in Spices & Spice Products - reg.

Ref: Spices Board Circular No:10/2021 dated 5th October,2021

It has been reported that the Ministry of Public Health, State of Qatar is undertaking sampling and testing of Spices & Spices products imported to Qatar for pesticide residues as well as chemical and microbiological contaminants.

It is learned that the Central Food Laboratory (CFL), Qatar analyses pesticide residues included in its scope of analysis according to the international standards in force in the field of pesticide residues (European Union specifications, International Food Code etc). Accordingly, if any substance is detected at a level higher than the maximum permissible limits, these consignments are considered non-conforming.

Spices Board has taken steps for obtaining official information on the specific product wise MRLs prescribed by Qatar. Meanwhile, based on information from various sources, the Board has compiled a list, including pesticides, toxins and other contaminants for which consignments of spices and spice products have been tested by Qatar in the past, along with the applicable limits / Limit of Quantification (LOQ). The compilation is attached as Annexure I, which may be used by the exporters as a reference point, so as to have an understanding on the parameters for which consignments of spices and spice products, exported to Qatar can be subjected to testing.

Further, all exporters of spices and spice products to Qatar, are advised to exercise due diligence and have consultations with the buyers on the applicable limits for pesticides,

toxins and other contaminants, prior to export to Qatar and undertake exports, only after ensuring compliance with the applicable limits.



Director (MKTG)

To,
All Exporters of Spices and Spice Products

(Issued from File No: MKT-ENQ-DG/0001/2018-MARKETING - 13757)

(Hindi Version follows)

I. Parameters and Applicable Limits compiled from the Analytical Reports of Central Food Laboratory (CFL), Qatar

Sl No	Parameter (Chemical & Microbiological)	Applicable limit
1	Aerobic plate count (SPC)	<=1000000 CFU/g
2	Bacillus cereus	<=10000 CFU/g
3	Clostridium perfringens	<=1000 CFU/g
4	Faecal Coliforms	<=100 CFU/g
5	Molds	<=1000000 CFU/g
6	Staphylococcus aureus	<=1000 CFU/g
7	Salmonella spp	Absent in 25g
8	Illegal dyes	Absent
9	Caesium-137	<=75 Bq/kg
10	Aflatoxin (G1,G2,B1,B2,Total)	<= 20 mg/kg
11	Ochratoxin A	<= 20 mg/kg
12	Escherichia coli	<=100 CFU/g
13	Listeria monocytogenes	Absent in 25g
14	Cadmium (Cd)	<=0.2 mg/kg
15	Lead (Pb)	<=0.3 mg/kg
16	Escherichia coli O157:H7	Absent

II. Parameters and Level of Quantification (LOQ) as per the Scope of Accreditation of the Central Food Laboratories (CFL) Qatar

Sl No.	Parameter (Pesticides)	Limit of Quantification (LOQ) (mg/kg)
1	I -Naftylacetamide	0.01
2	2,4-dimethylaniline (2,4-Xylide)	0.01
3	3-Hydroxycarbofuran	0.01
4	6-BenzyIaminopurin	0.01

5	Acephate	0.01
6	Acetamiprid	0.01
7	Alanycarb	0.01
8	Aldicarb	0.01
9	Aldicarb sulfoxide	0.01
10	Aldicarb-sulfone (Aldoxycarb)	0.01
11	Ametryn	0.01
12	Amidosulfuron	0.01
13	Amitraz	0.01
14	Anilofos	0.01
15	Asulam	0.01
16	Atrazin, desethyl	0.01
17	Atrazin, desisopropyl	0.01
18	Atrazine	0.01
19	Avermectin Ba	0.01
20	Avermectin Bb	0.01
21	Azaconazol	0.01
22	Azamethiphos	0.01
23	Azinphos-ethyl	0.01
24	Azinphos-methyl	0.01
25	Azoxystrobin	0.01
26	Benalaxyl	0.01
27	Bendiocarb	0.01
28	Benfuracarb	0.01
29	Bensulfuron-methyl	0.01
30	Bentazon	0.01
31	Benzthiazuron	0.01
32	Bifenazate	0.01
33	Bifenthrin	0.01
34	Bitertanol	0.01
35	Boscalid (Nicobifen)	0.01
36	Brodifacoum	0.01
37	Bromadiolone	0.01
38	Bromuconazole	0.01
39	Bupirimate	0.01
40	Buprofezin	0.01
41	Butachlor	0.01
42	Butafenacil	0.01
43	Butocarboxim	0.01
44	Butocarboxim sulfoxide	0.01
45	Butoxycarboxim	0.01

46	Buturon	0.01
47	Cadusafos	0.01
48	Carbaryl	0.01
49	Carbendazim	0.01
50	Carbetamide	0.01
51	Carbofuran	0.01
52	Carbosulfan	0.01
53	Carboxin	0.01
54	Carfentrazone-ethyl	0.01
55	Chlorantraniliprole	0.01
56	Chlorbromuron	0.01
57	Chlorbufam	0.01
58	Chlorfluazuron	0.01
59	Chloridazon	0.01
60	Chloroxuron	0.01
61	Chlorpropham	0.01
62	Chlorpyrifos	0.01
63	Chlorpyrifos-methyl	0.01
64	Chlorsulfuron	0.01
65	Chlortoluron	0.01
66	Cinerin I	0.01
67	Cinerin II	0.01
68	Cinidon ethyl	0.01
69	Cinosulfuron	0.01
70	Clethodim	0.01
71	Clofentezine	0.01
72	Clomazone	0.01
73	Clothianidin	0.01
74	Coumaphos	0.01
75	Coumatetralyl	0.01
76	Cyanofenphos	0.01
77	Cycloate	0.01
78	Cyclohexamide	0.01
79	Cycloxydim	0.01
80	Cycluron	0.01
81	Cymiazole	0.01
82	Cymoxanil	0.01
83	Cypermethrin	0.01
84	Cyproconazole	0.01
85	Cyprodinil	0.01
86	Cyromazine	0.01

87	Dazomet	0.01
88	Deltamethrin	0.01
89	Demeton-S-methyl sulfone	0.01
90	Demeton-S-methyl sulfoxide	0.01
91	Desmedipham	0.01
92	Diazinon	0.01
93	Dichlofluanid	0.01
94	Dichlorovs	0.01
95	Dichlorvos	0.01
96	Diclobutrazol	0.01
97	Diclofop-methyl	0.01
98	Dicrotophos	0.01
99	Diethofencarb	0.01
100	Difenoconazole	0.01
101	Difenoхuron	0.01
102	Diflubenzuron	0.01
103	Diflufenican	0.01
104	Dimethachlor	0.01
105	Dimethenamid	0.01
106	Dimethoate	0.01
107	Dimethomorph	0.01
108	Dimoxystrobin	0.01
109	Diniconazole	0.01
110	Dinitramine	0.01
111	Dinocap	0.01
112	Dinoseb	0.01
113	Dinotefuran	0.01
114	Dioxacarb	0.01
115	Diphenamid	0.01
116	Disulfoton sulfone	0.01
117	Ditalimfos	0.01
118	Diuron	0.01
119	DMST	0.01
120	Dodemorph	0.01
121	Dodine	0.01
122	Doramectin	0.01
123	Edifenphos	0.01
124	Emamectin Ba	0.01
125	Emamectin Bb	0.01
126	EPN	0.01
127	Epoxiconazole	0.01

128	Eprinomectin	0.01
129	EPTC	0.01
130	Esfenvalerate	0.01
131	Etaconazole (isomer)	0.01
132	Ethametsulfuron methyl	0.01
133	Ethiofencarb	0.01
134	Ethiofencarb-sulfone	0.01
135	Ethiofencarb-sulfoxide	0.01
136	Ethion	0.01
137	Ethiprole	0.01
138	Ethirimol	0.01
139	Ethofumesate	0.01
140	Ethoprophos	0.01
141	Etofenprox	0.01
142	Etoxazole	0.01
143	Famoxadone	0.01
144	Fenamidone	0.01
145	Fenamiphos	0.01
146	Fenamiphos-sulfone	0.01
147	Fenamiphos-sulfoxide	0.01
148	Fenarimol	0.01
149	Fenazaquin	0.01
150	Fenbuconazole	0.01
151	Fenbutatin oxide	0.01
152	Fenhexamid	0.01
153	Fenitrothion	0.01
154	Fenobucarb	0.01
155	Fenothiocarb	0.01
156	Fenoxaprop-ethyl	0.01
157	Fenoxycarb	0.01
158	Fenpropathrin	0.01
159	Fenpropidin	0.01
160	Fenpropimorph	0.01
161	Fenpyrazamine	0.01
162	Fenpyroximate	0.01
163	Fenthion	0.01
164	Fenthion-Sulfoxide	0.01
165	Fenuron	0.01
166	Fenvalerate	0.01
167	Fipronil	0.01
168	Fipronil-Sulfide	0.01

169	Fipronil-Sulfone	0.01
170	Flamprop	0.01
171	Flamprop -Isopropyl	0.01
172	Flazasulfuran	0.01
173	Flonicamid	0.01
174	Fluazifop-P	0.01
175	Fluazifop-P-butyl	0.01
176	Fluazinam	0.01
177	Flubendiamide	0.01
178	Flucycloxiuron	0.01
179	Fludioxonil	0.01
180	Flufenacet	0.01
181	Flufenoxuron	0.01
182	Flumetsulam	0.01
183	Fluometuron	0.01
184	Fluopicolide	0.01
185	Flupyrsulfuron-methyl sodium	0.01
186	Fluquinconazole	0.01
187	Flurochloridon	0.01
188	Flurox	0.01
189	Fluroxremeptyl	0.01
190	Flusilazole	0.01
191	Flutolanil	0.01
192	Flutriafol	0.01
193	Fluxaoyroxad	0.01
194	Foramsulfuron	0.01
195	Forchlorfenuron	0.01
196	Formetanate (hydrochloride)	0.01
197	Fosthiazate	0.01
198	Fuberidazole	0.01
199	Furalaxyl	0.01
200	Furathiocarb	0.01
201	Halofenozide	0.01
202	Halosulfuron methyl	0.01
203	Haloxifop--ethoxyethyl	0.01
204	Haloxifop-methyl	0.01
205	Hexaconazole	0.01
206	Hexaflumuron	0.01
207	Hexazinone	0.01
208	Hexythiazox	0.01
209	Imazalil	0.01

210	Imazamox Neg	0.01
211	Imidacloprid	0.01
212	Indoxacarb	0.01
213	Iodosulfuron-methyl	0.01
214	Ipconazole	0.01
215	Iprobenfos	0.01
216	Iprodione	0.01
217	Iprovalicarb	0.01
218	Isocarbophos	0.01
219	Isofenphos	0.01
220	Isofenphos-methyl	0.01
221	Isoproc carb	0.01
222	Isoprothiolane	0.01
223	Isoproturon	0.01
224	Isoprazam	0.01
225	Isoxaben	0.01
226	Isoxaflutole	0.01
227	Ivermectin	0.01
228	Jasmolin I	0.01
229	Jasmolin II	0.01
230	Kresoxim-methyl	0.01
231	Lambda-Cyhalothrin	0.01
232	Lenacil	0.01
233	Linuron	0.01
234	Lufenuron	0.01
235	Malaoxon	0.01
236	Malathion	0.01
237	Mandipropamid	0.01
238	Mecarbam	0.01
239	Mefenacet	0.01
240	Mefenpyr-diethyl	0.01
241	Mepanipyrim	0.01
242	Mepronil	0.01
243	Meptyldinocap	0.01
244	Mesotrione	0.01
245	Metaflumizone	0.01
246	Metalaxyl	0.01
247	Metamitron	0.01
248	Metconazole	0.01
249	Methabenzthiazuron	0.01
250	Methamidophos	0.01

251	Methidathion	0.01
252	Methiocarb	0.01
253	Methiocarb-sulfone	0.01
254	Methiocarb-sulfoxide	0.01
255	Methomyl	0.01
256	Methoprene	0.01
257	Methoprotryne	0.01
258	Methoxyfenozide	0.01
259	Metobrom uron	0.01
260	Metosulam	0.01
261	Metoxuron	0.01
262	Metrafenone	0.01
263	Metribuzin	0.01
264	Metsulfuron-methyl	0.01
265	Mexacarbate	0.01
266	Monocrotophos	0.01
267	Monolinuron	0.01
268	Monuron	0.01
269	Moxidectin	0.01
270	Myclobutanil	0.01
271	Napropamide	0.01
272	Naptalam	0.01
273	Neburon	0.01
274	Nicosulfuron	0.01
275	Nitenpyram	0.01
276	Novaluron	0.01
277	Noviflumuron	0.01
278	Nuarimol	0.01
279	Ofurace	0.01
280	Omethoate	0.01
281	Oxadiargyl	0.01
282	Oxadiazon	0.01
283	Oxadixyl	0.01
284	Oxamyl	0.01
285	Oxamyl-oxime	0.01
286	Oxasulfuron	0.01
287	Oxydemeton-methyl	0.01
288	Oxyfluorofen	0.01
289	Paclobutrazol	0.01
290	Paraoxon-ethyl	0.01
291	Paraoxon-methyl	0.01

292	Parathion-ethyl	0.01
293	Parathion-methyl	0.01
294	Penconazole	0.01
295	Pencycuron	0.01
296	Pendimethaline	0.01
297	Penoxsulam	0.01
298	Permethrin	0.01
299	Pethoxamid	0.01
300	Phenmedipham	0.01
301	Phenothrin	0.01
302	Phenthoate	0.01
303	Phorate	0.01
304	Phosalone	0.01
305	Phosmet	0.01
306	Phosphamidon	0.01
307	Phoxim	0.01
308	Picolinafen	0.01
309	Picoxystrobin	0.01
310	Piperonyl butoxide	0.01
311	Pirimicarb	0.01
312	Pirimicarb, Desmethyl	0.01
313	Pirimiphos-ethyl	0.01
314	Pirimiphos-methyl	0.01
315	Primsulfuron methyl	0.01
316	Prochloraz	0.01
317	Procymidone	0.01
318	Profenofos	0.01
319	Promecarb	0.01
320	Prometryn	0.01
321	Propachlor	0.01
322	Propamocarb	0.01
323	Propanil	0.01
324	Propaquizafop	0.01
325	Propargite	0.01
326	Propazine	0.01
327	Propham	0.01
328	Propiconazole	0.01
329	Propoxur (Arprocarb)	0.01
330	Propyzamide	0.01
331	Proquinazid	0.01
332	Prosulfocarb	0.01

333	Prosulfuron	0.01
334	Prothioconazole	0.01
335	Prothiophos	0.01
336	Pyracarbolid	0.01
337	Pyraclostrobin	0.01
338	Pyrazophos	0.01
339	Pyrazosulfuron ethyl	0.01
340	Pyrethrin I	0.01
341	Pyrethrin II	0.01
342	Pyridaben	0.01
343	Pyridate	0.01
344	Pyrimethanil	0.01
345	Pyriproxyfen	0.01
346	Quinalphos	0.01
347	Quinclorac	0.01
348	Quinoxyfen	0.01
349	Quizalofop P Ethyl	0.01
350	Rimsulfuron	0.01
351	Rotenone	0.01
352	Sebuthylazine	0.01
353	Secbumeton	0.01
354	Sethoxydim	0.01
355	Siduron	0.01
356	Simazine	0.01
357	Simetryn	0.01
358	Spinetoram A	0.01
359	Spinetoram B	0.01
360	Spinosyn A	0.01
361	Spinosyn D	0.01
362	Spirodiclofen	0.01
363	Spiromesifen	0.01
364	Spirotetramat	0.01
365	Sulcotrione	0.01
366	Sulfentrazone	0.01
367	tau-Fluvalinate	0.01
368	Tebuconazole	0.01
369	Tebufenozide	0.01
370	Tebufenpyrad	0.01
371	Tebuthiuron	0.01
372	Teflubenzuron	0.01
373	Temephos	0.01

374	Terbumeton	0.01
375	Terbuthylazine	0.01
376	Terbuthylazine-desethyl	0.01
377	Terbutryn	0.01
378	Tetrachlorvinphos	0.01
379	Tetraconazole	0.01
380	Tetramethrin	0.01
381	Thiabendazole	0.01
382	Thiacloprid	0.01
383	Thiadiazuron	0.01
384	Thiamethoxam	0.01
385	Thifensulfuron-methyl	0.01
386	Thiobencarb (Benthiocarb)	0.01
387	Thiodicarb	0.01
388	Thiofanox	0.01
389	Thionazin	0.01
390	Thiophanate-methyl	0.01
391	Tolclofos-methyl	0.01
392	Tolyfluanid	0.01
393	Tralkoxydim	0.01
394	Triadimefon	0.01
395	Triadimenol	0.01
396	Tri-allate	0.01
397	Triasulfuron	0.01
398	Triazophos	0.01
399	Tribenuron-methyl	0.01
400	Trichlorfon	0.01
401	Tricyclazole	0.01
402	Trietazine	0.01
403	Trifloxystrobin	0.01
404	Triflumizole	0.01
405	Triflumuron	0.01
406	Triflusulfuron-methyl	0.01
407	Triticonazole	0.01
408	Vamidothion	0.01
409	Zoxamide	0.01
