

**F. No: IMP/MISC/88/2019-DC
DIRECTORATE GENERAL OF HEALTH SERVICES
CENTRAL DRUGS STANDARD CONTROL ORGANISATION
(IMPORT & REGISTRATION DIVISION)**

FDA Bhawan, Kotla Road
New Delhi - 110002
Dated:

Office Memorandum

05 JUL 2019

Subject: Monitoring the end use of drugs which are meant for dual use - reg.

This is with reference to Minutes of Fourth meeting of the Task Force on Active Pharmaceutical Ingredients (APIs) held under the chairmanship of Hon'ble Minister of State (Chemical and Fertilizers) on 19.06.2019 wherein it has been recommended to strictly monitor the end use of the APIs meant for dual use.

In this regard, a list of dual use APIs is enclosed herewith.

You are requested to strictly monitor the end use of dual use Active Pharmaceutical Ingredients and action taken in this matter shall be communicated to this office.



**(Dr. S. Eswara Reddy)
Drugs Controller General (India)**

Encl.: as above.

To

All Zonal, sub-Zonal and Port offices of CDSCO.

Copy to:

- i. Joint Secretary (R), Ministry of Health & Family Welfare, Nirman Bhawan, New Delhi.
- ii. Joint Secretary, Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers, Shastri Bhawan, New Delhi.

Sr.No.	Drugs meant for further processing/conversion to other drugs
1	Aloe emodin
2	Artemisinin
3	Betamethasone base
4	Cyclocytidine HCL
5	Erythromycin base
6	Erythromycin Thiocyanate
7	Flumethasone
8	Fluorocytosine
9	5 - Fluorouracil
10	Fluticasone
11	Hydrocortisone Base
12	L-arginine
13	L-phenyl alanine
14	L-serine
15	Penicillin G Potassium
16	Piperazine Anhydrous
17	Prednisolone base
18	Riboflavin 80%
19	Salicylic acid
20	Sirolimus
21	Sulphanilamide
22	Theophylline Crude
23	19-Nor-4-androsterone - 3,17-dione
24	17 alpha hydroxy progesterone
25	Acyclovir
26	Buprenorphine
27	Chloramphenicol
28	Dexamethasone
29	Mibemycin
30	Morphine
31	Oxytetracycline
32	Thiamin Hydrochloride
33	Thiamine mononitrate
34	Tobramycin
35	Vancomycin Base

Drugs meant for Animal feed Supplement/Feed premix	
1	Alkosef (prebiotics & probiotics)
2	Aminovit Gold(Amino acid premix)
3	Ascorbic Acid
4	Availa Cu (chelated minerals)
5	Bactocell aqua (prebiotics & probiotics)
6	Beatine HCL 93-98 %
7	Betaine 96 %
8	Biotin 2% & 10 %
9	Btraxim Pro (Zinc & Magnesium)
10	Carophyll Red 10 %
11	Carophyll yellow 10 %
12	Chloesterol 95%
13	Choline Chloride 50% &60%
14	Dicalcium Phosphate 18%
15	DL-Methionine 99%
16	Fibosel (prebiotics & probiotics)
17	Granulated Enzyme
18	Hydroxy Vitamin D3 0.5 mlu/gm
19	Inositol
20	L -Tryptophan 98%
21	Levucell SB 20 (prebiotics & probiotics)
22	Levucell SB10 ME Titan (prebiotics & probiotics)
23	L-Lysine monohydrochloride 99 %
24	L-lysine sulphate 70%
25	L-Threonine 98.5%
26	Lutavit B2 (Vitamin B2) 80%
27	Lutavit E (Vitamin E) 50%
28	Menadione Nicotinamide
29	Methionine Analogue
30	Monocalcium Phosphate 22%
31	Phytase
32	Propionic acid 4.7%
33	Rovimix AD3 Vitamin A/D3 1000:200
34	Rovimix B2 (Vitamin B2)
35	Rovimix Calpan Vitamin B5
36	Rovimix E50 (Vitamin E)
37	Saponine 2 - 2.5 %
38	Tiamulin Hydrogen Fumarate 10%
39	Toxin Binders
40	Vitamin B1
41	Vitamin B12
42	Vitamin K3
43	Xylanase,Beta-glucanase,cellulase,beta-mannase,amylase,lipsae,protease

	AntiBiotics/Antibacterial
1	Chlotetracycline 15 %
2	Clopidol 25 %
3	Tylosin phophate 10 %
4	Maduramycin 1 %
5	Salinomycin 12%
6	Monensin Sodium 20%
7	Losolacid Sodium 15%
8	Nicarbazine 8 %
9	Furazolidone

	Drugs meant for Non-medicinal use - other than pharmaceutical industry/Cosmetics/as a Excipients
1	17-Alpha-1-methyl Testosterone
2	2-Dimethylaminoethanol
3	8-HydroxyQuinoline Sulphate
4	Acerola Organic Powder
5	Acid Cellulase Liquid
6	Acotiamide
7	Activated Carbon
8	Active Carbon
9	Alendronic acid
10	Alfacalcidol
11	Alfalfa Powder
12	Alginic Acid
13	Aloe Vera Gel
14	Alpha Amylase
15	Alpha Tocopherol Acetate
16	Alumina Trihydrate
17	Aluminium Chlorohydrate
18	Aluminium Hydroxide
19	Aluminium Magnesium Hydroxide
20	Aluminium Oxide
21	Aluminium Trihydrate
22	Amantadine
23	Amino Pyridine
24	Aminoguanide Bicarbonate
25	Ammonium Sulfate
26	Amylase
27	Anethole
28	Anhydrous Lactose NF
29	Anti-Irritant-Complex
30	Apple Herbasol Vinegar Extract
31	Apremilast
32	Arsenic Trioxide
33	Ascorbic Acid
34	Bakery Enzyme
35	Barium Sulphate
36	Beclamethasone
37	BenzylAlcohol
38	Beta carotene 20 %
39	Betain HCL
40	Betasitosterol
41	Blackberry Fruit Herbasol
42	Borax Pentahydrate
43	Boric Acid
44	Brimonidine

45	Caffeine
46	Calcite Minerals
47	Calcite Powder
48	Calcium Acetate
49	Calcium Ascorbate
50	Calcium Carbonate
51	Calcium D Phosphate
52	Calcium D-Pantothenate
53	Calcium Gluconate
54	Calcium Hydrogen Phosphate
55	Calcium Lactate
56	Calcium Propionate
57	Calcium Saccharate
58	Calcium Stearate
59	Cannabidiol
60	Carbophyll
61	Carmustine
62	Carnitine
63	Castor Oil
64	C-Cysteine
65	Cellulase
66	Charcoal Activated
67	Chemodeoxycholic acid
68	Chitosan
69	Chloride Solution
70	Chlorobutanol
71	Chlorpromazine Hydrochloride
72	Chlortetracycline
73	Chlorzoxazone
74	Cholesterol
75	Choline Bitartrate
76	Choline Chloride
77	Chondroitin Sulphate
78	Cinchonine
79	Citric acid monohydrate/Anhydrous
80	Climbazole
81	Clove Leaf Oil
82	Clove Oil
83	Clove Rectified
84	Coated Calcite Powder
85	Cresol
86	Croscarmellose
87	Crospovidone
88	Crude Glycerine
89	Crude Phenol
90	Cyanocobalamin
91	Cyclizine Hydrochloride
92	Cyteamine HCL

93	D Xylose
94	D-Calcium Pantothenate
95	D-chiro-Inositol
96	Dehydroepiandrosterone
97	Descote Ferrous Fumarate
98	Developmental Thermostable Alpha
99	Dexpanthenol
100	Dextran
101	Dextromethorphan
102	Dextrose Monohydrate
103	D-Galactose
104	D-Glucuronolactone
105	Di Calcium Malate
106	Dibenzoyl peroxide
107	Di-Calcium Phosphate
108	Diclazuril
109	Dihydro Eugenol
110	Dimethicone
111	Dimethyl Fumarate
112	Diphenhydramine Hydrochloride
113	Disulfiram
114	Disodium Hydrogen Phosphate
115	DL Alpha Tocopherol
116	DL Panthenol
117	DL-Alpha-Tocopherol
118	D-Mannitol
119	Docusate Sodium
120	Dompihen Bromide
121	Dopamine Hydrochloride
122	D-Panthenol
123	D-Panthenytriacelate
124	D-Phenylalanine
125	D-Serine
126	Effersoda
127	EHG Capsules
128	Emulsified Ferric Phosphate
129	Encapsulated Benzoyl Peroxide
130	Enzyme pepsin
131	Estrone
132	Ethyl Panthenol
133	Eugenol
134	Ferric Oxide
135	Ferric Pyrophosphate
136	Ferrous Fumarate
137	Flavophospholidol
138	Fructose syp
139	Fungal hemi cellulase
140	Ganciclovir

141	Gelatin
144	Genu pectin LM 22CG,LM-18CGYA,D slow set
145	Gingko
146	Gingko Biloba Extract,Aloe vera extract,Siberian Ginseng P.E
147	Glutamic acid
148	Glycerine
149	Glycerol Formal Stabilized
150	Glycine
151	Glycocholic Acid
152	Granulated Amigel
153	Grindamyl
154	Guaiacol
155	Guanidine
156	Guanidine Hydrochloride
157	Heme Iron polypeptide
158	Hide Glue
159	HPMC Capsule
160	hyacare Filler CL
161	Hyaluronic Acid
162	Hydrocortisone IP
163	Hydrogen Fumarate
164	Hydrogen Peroxide
165	Hydroquinone
166	Hydroxychloroquine
167	Hydroxypropyl Methylcellulose
168	Hydroxyquinoline
169	Hypromellose
170	Hyroquinone
171	Iodine
172	ISO Eugenol
173	Iso Propyl Alcohol
174	Isomalt
175	L+Ascorbic Acid
176	Lactic Acid
177	Lactobacillus
178	Lactose monohydrate
179	Lactrol
180	L-Alpha-Glycerylphosphorycholine
181	L-Analine
182	L-Arbinose
183	L-Arginine
184	L-Ascorbate
185	LAVA Cell
186	L-Carnitine base
187	L-Carnosine
188	L-Citruline
189	L-citruline - L-malate
190	Lifwinu Bacillus

191	Lipoid
192	Lipoid PG
193	Lithium Bromide Solution
194	Lithium Carbonate
195	L-Lysine
196	L-Ornithine HCl
197	Lovastatin
198	L-Prolinamide
199	L-Proline
200	L-Serine
201	Magneisum Hydroxide
202	Magnesium Ascorbyl
203	Magnesium Carbonate
204	Magnesium Chloridde
205	Magnesium Oxide
206	Magnesium Stearate
207	Magnesium Sulfate
208	Mannitol
209	Mannose
210	Mehyl Salicylate
211	Meltodextrin
212	Methoxyphenol
213	Methyl Butyrate
214	Methyl Cellulose
215	Methyl Cholate
216	Methyl Eugenol
217	Methyl Salicylate
218	Methylphenidate
219	Methylprednisolone
220	Microcrystalline cellulose
221	Mixed Tocopheryl
222	Mycophenolic acid
223	N-Acetyl-L-Cysteine
224	Natuzyme Enriched Enzyme
225	Nisin
226	O - phenol
227	O Cresol
228	Oleic Acid
229	Opadry 20F180004
230	Ortho Chloro Toluene
231	Oxybenzone
232	Paradichlorobenzene
233	Pectinase
234	phenothiazine
235	Phospholipon
236	Phosphonyl Methoxy Propyl
237	Pipperacillin acid
238	Pnemocandin

239	Polyanionic Cellulose PAC LV
240	Polysorbate
241	Potassium Carbonate
242	Potassium Chloride
243	Potassium Hydrogen Carbonate
244	Potassium thioacetate
245	Povidone Iodine
246	Prednisolone
247	Procaine Hydrochloride
248	Propanol
249	Propionic Acid
250	Protamine Sulphate
251	Protamine Sulphate
252	Pro-Taurine
253	Pyridoxine Hydrochloride
254	R-9-2-Phosphonomethoxypropyl Adenine
255	Rutin
256	saccharin base
257	S-Adenosyl-L-methionine Disulfate Tosylate
258	Shikhimic Acid
259	Simethicone Emulsion
260	Sodium (L)-Lactate
261	Sodium Alginate
262	Sodium Ascorbate
263	Sodium Benzoate
264	Sodium Bicarbonate
265	Sodium Butyrate
266	Sodium Carbonate
267	Sodium Chloride
268	Sodium Citrate
269	Sodium CMC
270	Sodium Fluoride
271	Sodium Gluconate
272	Sodium Hyaluronate
273	Sodium Lactate
274	Sodium L-Lactate
275	Sodium Monofluorophosphate
276	Sodium Percarbonate
277	Sodium Phenylbutyrate
278	Sodium Phosphate
279	Sodium Picosulfate
280	Sodium Rifamycin
281	Sodium Salicylate
282	Sodium Sulfate
283	Sodium Thiosulfate
284	Sodium Thiosulpharma
285	Sodium Valproate
286	Sodium-L-Lactate

287	Solifenacin Succinate
288	Sorbitol
289	Soya Lecithin
290	Soya Phosphatidyl Choline
291	Soya Phospholipids
292	Soyabean Lecithin
293	Soyabean Oil
294	Stearic Acid
295	Streptomycin Sulphate
296	Sucrose
297	Sulfuric Acid
298	Sulphadiazine
299	Sunflower Lecithin
300	Superol K Glycerin
301	Taurine
302	Tazobactam acid
303	Thiglycolic Acid
304	Titanium Dioxide
305	Triacetin
306	Trichloroisocyanuric acid
307	Triethanolamine
308	Tripotassium Citrate
309	Tris Buffer
310	Tri-sodium citrate
311	Tri-Sodium Dihydrate
312	Tromethamine
313	Trypsin Chymotrypsin
314	Ubidecarenone
315	Vinegar
316	Vitamin D3 oil
317	White Lotion
318	Zinc Carbonate
319	Zinc Oxide
320	Zinc Pyrithione
321	Zinc Stearate
322	Zinc Sulfate
323	ZinClear IM
324	Zink Citrate

	List of items used in food
1	AD2 Oil Premix
2	Alhydrogel
3	Branch Chain Amino Acids
4	Calcium ascorbate
5	Creatine Monohydrate
6	Instant BCAA 2:1:1
7	L-Carnitine
8	L-Citrulline
9	Lecithin
10	Potassium sorbate
11	Sorbic acid
12	Veron & Veron GX (Bakery Enzymes)
13	Coenzyme Q10/Ubiquinone