Cabenoxolone Tablets

Formulations: Carbenoxolone sodium, 20 mg; mannitol, 400 mg; alginic acid, 200 mg; sodium alginate, 200 mg; aluminium hydroxide, dried gel 80 mg; sodium bicarbonate, 70 mg; magnesium trisilicate, 20 mg; magnesium stearate, 12 mg; gum acacia, 35 mg; peppermint oil, 2 mg. Total 1039 mg.

Caffeine Tablets

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
150.00	1	Caffeine powder	150.00
36.00	2	Cellulose (microcrystalline) (Avicel™ PH-102)	36.00
46.00	3	Anhydrous lactose	46.00
48.50	4	Di-Pac granular	48.50
3.00	5	Croscarmellose sodium (Ac-Di-Sol SD-711)	3.00
1.50	6	Fumed silica	1.50
0.75	7	Stearic acid	0.75
0.75	8	Magnesium stearate	0.75
1.20	9	Flavor	1.20

Manufacturing Directions

1. Screen items 1, 7, and 8 separately through a 40-mesh sieve.
2. Blend items 1 to 6 and 9 in a V-shaped blender, and mix for 3 minutes.
3. Add item 8 to the blender and mix for another 5 minutes.
4. Compress, using 7 kg pressure and 3/8-in., flat, beveled-edge punches to produce tablets with an average weight of 311 mg.

Calcium and Vitamin D Tablets

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
500.00	1	Anhydrous calcium phosphate (dibasic)	500.00
133 IU	2	Vitamin D (as vitamin D3) (3.33 μg/tablet)	3.33 mg
15.00	3	Starch (pregelatinized, NF)	15.00
55.00	4	Cellulose (microcrystalline, NF)	55.00
6.00	5	Magnesium stearate, NF	6.00
5.00	6	Talc (powder), USP	5.00
12.00	7	Wax (hydrogenated vegetable oil) (Sterotex K)	12.00
15.50	8	Sodium starch glycolate, NF	15.50

Manufacturing Directions

1. Charge one half of the dibasic calcium phosphate through a mesh screen into a blender.
2. Premix by hand the pregelatinized starch with vitamin D3 beadlets in a suitable container, and sift through a mesh screen into the blender.
3. Charge the microcystalline cellulose and the remaining calcium phosphate through a mesh screen into the blender.
4. Mix for 20 minutes.
5. Discharge approximately one third of the granulation into polyethylene-lined drums.
6. Mix the magnesium stearate, talc, hydrogenated vegetable oil wax, and sodium starch glycolate.
7. Mill through a #40-mesh screen into the blender.
8. Return granulation from step above to the blender. Blend together.
9. Compress.