

Calcium D-Pantothenate Tablets

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
280.00	1	Calcium D-pantothenate (BASF)	285.00
50.00	2	Avicel™ PH101	50.00
150.00	3	Dibasic calcium phosphate	150.00
20.00	4	Kollidon® CL	20.00
3.00	5	Stearic acid	3.00
3.00	6	Magnesium stearate	3.00

Manufacturing Directions

1. Mix all components, and pass through an 0.8-mm sieve.

2. Press into 518-mg tablets using medium-compression force and 12-mm biplanar punches.

Calcium Effervescent Tablets

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
634.00	1	Calcium lactate	634.00
610.00	2	Calcium gluconate	610.00
185.21	3	Calcium carbonate	185.21
400.00	4	Sodium bicarbonate	400.00
468.25	5	Tartaric acid	468.25
46.25	6	Povidone (Kollidon® 30)	46.25
11.75	7	Povidone (Kollidon® 30)	11.75
QS	8	Isopropyl or ethyl alcohol (96%)	QS
97.50	9	Crospovidone (Kollidon® CL)	97.50
46.25	10	PEG-6000	46.25
QS	11	Flavor	QS

Manufacturing Directions

1. Granulate items 1 to 6 in a solution of items 7 and 8.

2. Dry, sieve, and mix well with items 9 to 11.

3. Compress at low pressure to form 2.5-g tablets, 20 mm in diameter.

Calcium Gluconate Tablets

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
350.00	1	Calcium gluconate (powder)	360.00
117.00	2	Lactose monohydrate	117.00
11.00	3	Kollidon® 30	11.00
QS	4	Isopropanol	90.00
25.00	5	Kollidon® CL	25.00
2.00	6	Magnesium stearate	2.00

Manufacturing Directions

1. Granulate mixture of items 1 to 3 with item 4.
2. Dry, pass through an 0.8-mm sieve, and mix with items 5 and 6.

3. Press into 500-mg tablets using high-compression force and 12-mm biplanar punches.