

Acetaminophen Tablets

Bill of Materials			
Scale (g/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
500	1	Acetaminophen (crystalline)	500
150	2	Avicel™ PH102	150
20	3	Kollidon® VA 64	20
15	4	Kollidon® CL	15
15	5	PEG-6000 (powder)	15
2	6	Aerosil® 200	2

Manufacturing Directions

1. Pass the lubricant through a 200- μ m sieve and mix all other components.

2. Pass the mix through an 0.8-mm sieve, add the lubricant, and press with a high-compression force of 25 to 30 kN.
3. Weight should be 703 mg.

Acetaminophen Tablets

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
500.00	1	Acetaminophen (powder)	500.00
30.00	2	Dicalcium phosphate	30.00
12.00	3	Kollidon® CL	12.00
20.00	4	Kollidon® VA 64	20.00
10.00	5	Kollidon® 90F	10.00
–	6	Ethanol (96%)	70 mL (max.)
12.00	7	Kollidon® CL	12.00
10.00	8	Polyethylene glycol (powder)	10.00

Manufacturing Directions

1. Granulate mixture of items 1 to 4 with the solution of items 5 and 6.

2. Dry, sieve, and mix with items 7 and 8.
3. Press with high-compression force of 25 to 30 kN.
4. Tablet weight is 587 mg for an 11-mm biconvex tablet.

Acetaminophen Tablets, Chewable

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
89.90	1	Acetaminophen, use acetaminophen particles coated with cellulose acetate and PVP	89.90
246.00	2	Mannitol granular	246.00
30.00	3	Microcrystalline cellulose	30.00
9.00	4	Aspartame	9.00
1.27	5	Dyes	1.27
2.10	6	Citric acid	2.10
2.30	7	Flavor	2.30
4.40	8	Magnesium stearate	4.40

Manufacturing Directions

1. Acetaminophen is coated with a layer of a taste-masking composition with a thickness of about 3 to 10 μ m. The coating should be substantially free of cracks, holes, and other imperfections when examined under a scanning electron microscope at 100 to 500 \times magnification.

2. Charge items 1 to 7 in a suitable blender and mix for 20 minutes.
3. Add item 8 to step 2 and blend for 2 minutes.
4. Compress the appropriate quantity.