

**Acetaminophen Tablets for Children**

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
210.00	1	Acetaminophen (Merck)	210.00
168.00	2	Avicel™ PH101	168.00
13.00	3	Kollidon® VA 64	13.00
6.00	4	Kollidon® CL	6.00
2.00	5	Magnesium stearate	2.00

**Manufacturing Directions**

1. Pass all components through an 0.8-mm sieve, mix, and press with medium-compression force.

2. Tablet weight is 401 mg for a 12-mm biplanar tablet.

**Acetaminophen-Tramadol Hydrochloride Tablets**

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
200.00	1	Acetaminophen	200.00
20.00	2	Tramadol hydrochloride	20.00
50.40	3	Microcrystalline cellulose	50.40
19.20	4	Povidone K-90	19.20
4.80	5	Croscarmellose sodium	4.80
3.20	6	Colloidal silicon dioxide	3.20
3.20	7	Magnesium stearate	3.20

**Manufacturing Directions**

1. Mix the above amounts of items 1 through 6 listed in above formulation in a mixer, such as a high-shear mixer granulator or planetary mixer, to obtain homogeneity.

2. The mix is then granulated in water or other suitable granulation fluids and dried in a dryer.

3. The dried granular mass is then milled and then items 9 and 10 are added for blending.

4. The lubricated granular mass is then compressed into mini-tablets, using a tablet press for individual tablet weight of 160 mg and for regular tablet at 320 mg.

5. The mini-tablets are encapsulated in a capsule containing two immediate-release mini-tablets and two sustained-release mini-tablets.