

**Acetylsalicylic Acid + Vitamin C Tablets (400 mg + 250 mg)**

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
400.00	1	Acetylsalicylic acid crystalline	400.00
250.00	2	Ascorbic acid	250.00
100.00	3	Ludipress	100.00
20.00	4	Kollidon CL	20.00
3.00	5	Macrogol 6000 powder	3.00

**Manufacturing Directions**

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

**Acyclovir Fast Melt****Manufacturing Directions**

1. Add and mix Acyclovir 50%, sodium bicarbonate 18%, citric acid anhydrous 18%, anhydrous lactose 7%, xylitol 5%, Crodesta F160 2%.
2. Dry the above ingredients to reduce moisture.
3. The ingredients are then blended for 10 minutes and extruded in a hot melt extruder at 70°C to 100°C to soften and melt the thermal binders (sucrose stearate and xylitol) to form granules containing the effervescent ingredients.
4. Granules are then screened and blended with the following ingredients: ACY-EFG (30–60 mesh) 50%, microcrystalline cellulose 18%, Fujicalin SG 18%, L-HPC LH-11 10%, aspartame 3%, redberry flavor 0.4%, magnesium stearate 0.5%, Cab-O-Sil M5P 0.1%.

5. Mix the ingredients in step 4 for 5 minutes prior to compression.
6. Acyclovir tablets are then compressed to a hardness of approximately 1 to 3 kPa and tablets disintegrate in water in approximately 20 to 45 seconds.

**Acyclovir Tablets (Zovirax)**

Each 800-mg tablet of Zovirax contains 800 mg of acyclovir and the inactive ingredients FD&C Blue No. 2, magnesium stearate, microcrystalline cellulose, povidone, and sodium starch glycolate. Each 400-mg tablet of Zovirax contains 400 mg of acyclovir and the inactive ingredients magnesium stearate, microcrystalline cellulose, povidone, and sodium starch glycolate.

**Acyclovir Tablets**

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
800.00	1	Acyclovir	800.00
240.00	2	Lactose	240.00
100.00	3	Microcrystalline cellulose (Avicel PH 101)	100.00
24.00	4	Povidone	24.00
32.00	5	Sodium starch glycolate	32.00
8.00	6	Magnesium stearate	8.00
—	7	Alcohol	48.00

**Manufacturing Directions**

1. Pass items 1 to 3 through 250- $\mu$ m mesh in a granulating vessel.
2. In a separate container, mix items 4 and 5 in item 6; now add the solution to step 1. Pass the wet mass through #8 mesh, dry, and size the granules.

3. Compress 1204 mg.