

**Clarithromycin Dispersible Tablet**

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
250.00	1	Clarithromycin base	250.00
22.50	2	Crospovidone	22.50
62.50	3	Croscarmellose sodium	62.50
3.80	4	Polysorbate	3.80
566.20	5	Microcrystalline cellulose	566.20
40.00	6	Aspartame	40.00
20.00	7	Saccharin sodium	20.00
20.00	8	Mint flavor	20.00
5.00	9	Colloidal silica	5.00
10.00	10	Magnesium stearate	10.00

**Clarithromycin Tablet**

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
500.00	1	Clarithromycin	500.00
200.00	2	Methocel K100 LV Premium CR Grade	200.00
260.00	3	Lactose monohydrate	260.00
30.00	4	Talc	30.00
	5	Magnesium stearate	

**Manufacturing Directions**

- Methocel (K 100 LV) is loaded into a mixer, and dry blended with clarithromycin.
- The mixture is granulated using water until proper granulation is obtained. The granulation is then dried, sifted, and ground to appropriate size.
- Talc and magnesium stearate are screened and blended with dry granulation. The granulation is then loaded into hopper and compressed into tablets. The tablets are then coated with an aqueous coating.

**Clarithromycin Controlled-Release Tablet**

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
1000.00	1	Clarithromycin	1000.000
25.00	2	Methocel K15 MCR	25.00
12.50	3	Methocel K4 MCR	12.50
12.50	4	Lactose	12.50
20.00	5	Sodium stearyl fumarate	20.00
12.50	6	Magnesium stearate	12.50
10.00	7	Talc	10.00
0.50	8	Colloidal silicon dioxide	0.50

**Manufacturing Directions**

- Clarithromycin is blended with the two polymers and lactose and wet granulated with water. The granules are dried, sized, lubricated, and compressed to tablets (1161.5 mg).
- The tablets thus obtained are optionally film coated.