

**Chlorhexidine Lozenges**

Bill of Materials			
Scale (mg/lozenge)	Item	Material Name	Quantity/1000 lozenges (g)
5.00	1	Chlorhexidine	5.00
150.00	2	Sorbitol (crystalline)	150.00
5.00	3	Kollidon® VA 64	5.00
5.00	4	Menthol (crystalline)	5.00
5.00	5	Eucalyptol (crystalline)	5.00
1.00	6	Aspartame, potassium	1.00
0.10	7	Saccharin sodium	0.10
2.00	8	Aerosil® 200	2.00
1.00	9	Magnesium stearate	1.00

**Manufacturing Directions**

1. Mix all components, pass through an 0.8-mm sieve, and press with medium-compression force.
2. Compress into 175-mg lozenge, using 8-mm biplanar punches.

**Chloroquine Tablets (250 mg)**

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
250.00	1	Chloroquine diphosphate	250.00
100.00	2	Dicalcium phosphate (Ditab)	100.00
10.00	3	Kollidon 30	10.00
–	4	Isopropyl alcohol	83.00
10.00	5	Kollidon CL	10.00
2.00	6	Aerosil 200	2.00
3.00	7	Talc	3.00

**Manufacturing Directions**

1. Granulate the mixture of items 1 and 2 with a solution of items 3 and 4. Then dry, pass through a 0.8-mm sieve, add the mixture of items 5 to 7, and press with low-compression force.
2. Compress into 361-mg tablets, using 8-mm biplanar punches.

**Chlorpheniramine and Pseudoephedrine Chewable Tablets**

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
3.35	1	Chlorpheniramine maleate	3.35
100.00	2	Pseudoephedrine hydrochloride	100.00
396.65	3	Cab-o-sil MS	396.65
200.00	4	Water	200.00

**Manufacturing Directions**

1. Chlorpheniramine maleate and pseudoephedrine hydrochloride are mixed in the water until thoroughly dissolved.
2. Cab-o-sil M5 (silicon dioxide) is poured into a planetary mixer to which the dissolved drug solution is added and mixed at slow speed.
3. This is continued for 5 minutes until the solution and Cab-o-sil are completely mixed.
4. The mixture is dried in a forced hot air oven for 5 hours to an LOD of less than 2.0%.
5. Magnesium stearate is then added as a lubricant, and tartaric acid is added as an acidulent.
6. The excipients are then thoroughly mixed and the entire composition is compressed into 1-g tablets, each one possessing a potency of 4.0-mg chlorpheniramine maleate and 120-mg pseudoephedrine hydrochloride.