

Cefadroxil Dispersible Tablets (250 mg)

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
250.00	1	Cefadroxil, use cefadroxin anhydrous	268.65
2.00	2	PVP potassium 30	2.00
–	3	Isopropyl alcohol	10.80
77.00	4	Lactose monohydrate	77.00
93.50	5	Starch (maize)	93.50
13.00	6	Aspartame	13.00
1.50	7	Aerosil 200	1.50
0.45	8	Methyl paraben	0.45
0.05	9	Propyl paraben	0.05
4.00	10	Starch (maize)	4.00
5.00	11	Magnesium stearate	5.00
5.00	12	Talc	5.00
QS	13	Water, purified	QS

Manufacturing Directions

- Charge items 2 and 3, and prepare a binding solution.
- Sift item 1 through a 250- μ m sieve.
- Add step 1 into step 2, and prepare a wet mass.
- Spread granules on trays, and dry in a dehumidified room.
- Pass dried granules through a 595- μ m sieve.
- Prepare a paste of item 5 using purified water.
- Sift items 4 and 6 into 9 through a 250- μ m sieve. Mix for 15 minutes.
- Add the paste from step 6, and mix until a wet mass is obtained without lumps.
- Dry the granules obtained in step 8 in a fluid-bed dryer at 50°C for 2 hours.
- Mix granules from steps 5 and 9, and charge into a tumble mixer.
- Sift items 10 to 12 through a 250- μ m sieve, add to step 10, and blend for 2 minutes.
- Compress into 630-mg tablets, using 11.3-mm punches.

Cefdinir Tablets (300 mg)

Bill of Materials			
Scale (mg/tablet)	Item	Material Name	Quantity/1000 Tablets (g)
300.00	1	Cefdinir bulk powder	306.80
29.20	2	Microcrystalline cellulose (Avicel PH 101)	29.20
29.20	3	L-HPC (LH-21, Shin-Etsu Chemical)	29.20
3.70	4	Polyvinylpyrrolidone (Kollidon 30)	3.70
0.90	5	Silicic acid light anhydrous (Aerosil 200)	0.90
4.40	6	Magnesium stearate	4.40
15.00	7	Saccharin sodium	15.00
5.60	8	Strawberry flavor	5.60

Manufacturing Directions

- Charge items 1 to 4 after passing through a 250- μ m mesh into a mixing vessel. Mix for 10 minutes.
- Add items 5 to 8, one at a time, and blend for 1 minute each time.
- Compress 395 to 400 mg.