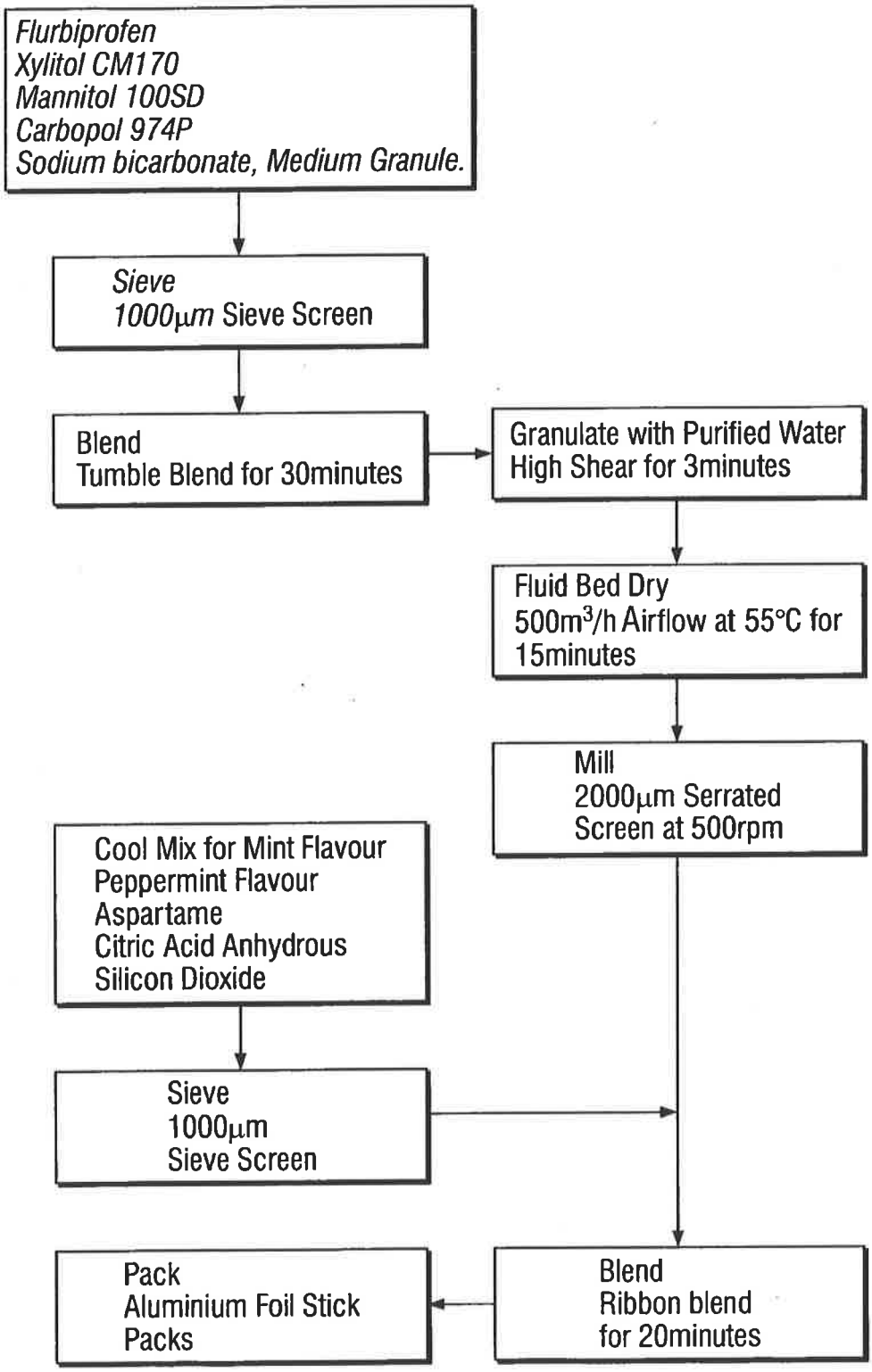

Flurbiprofen
Xylitol CM170
Mannitol 100SD
Carbopol 974P
Sodium bicarbonate, Medium Granule.
Sieve
1000μm Sieve Screen
Blend
Tumble Blend for 30minutes
Granulate with Purified Water
High Shear for 3minutes
Fluid Bed Dry
500m3/h Airflow at 55°C for
15minutes
Mill
2000μm Serrated
Screen at 500rpm
Cool Mix for Mint Flavour
Peppermint Flavour
Aspartame
Citric Acid Anhydrous
Silicon Dioxide
Sieve
1000μm
Sieve Screen
Pack
Aluminium Foil Stick
Packs
Blend
Ribbon blend
for 20minutes

FIG. 1

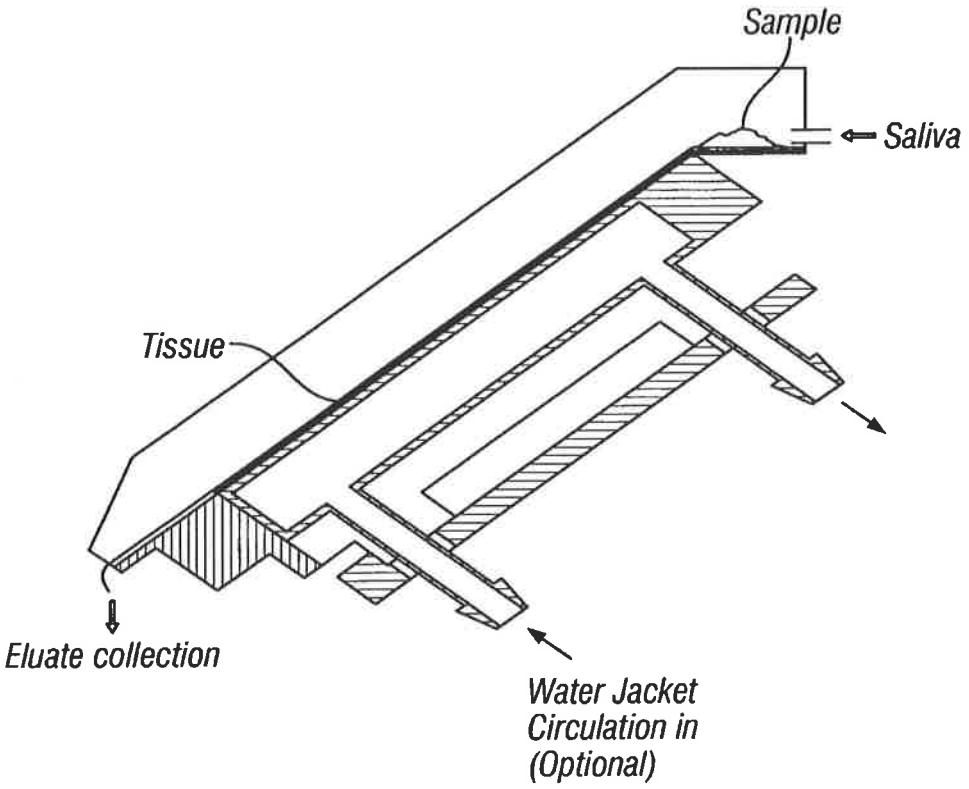

Sample
Saliva
Tissue
Eluate collection
Water Jacket
Circulation in
(Optional)

FIG. 2

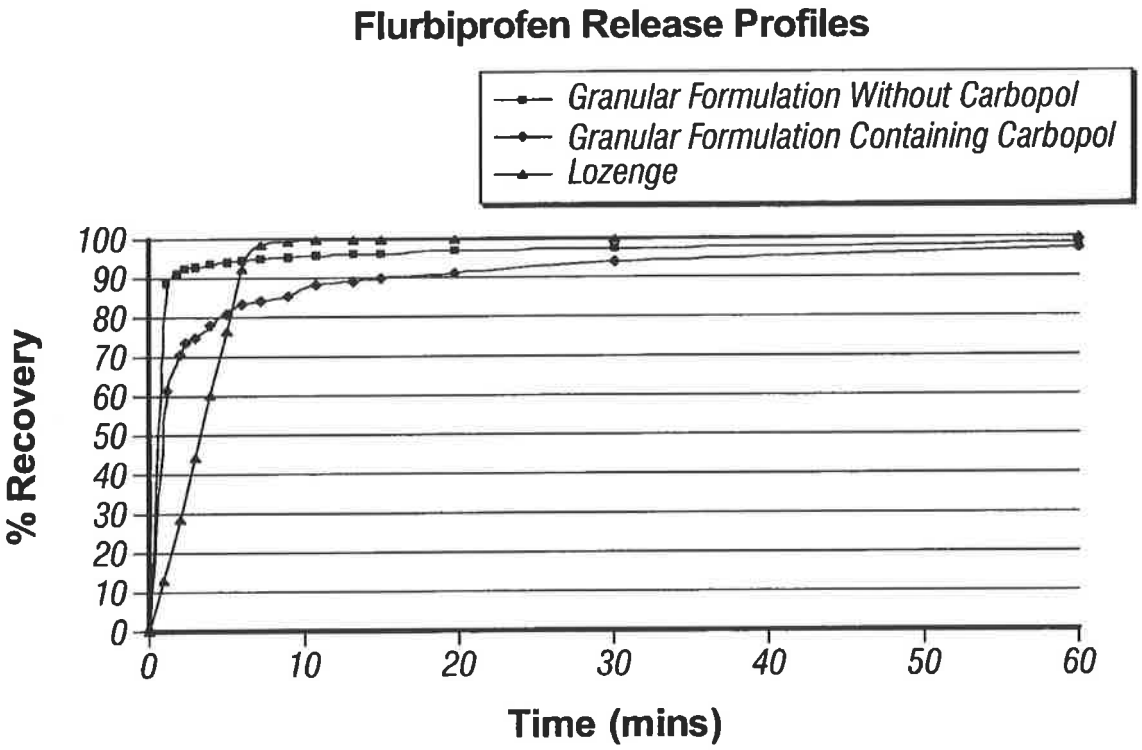

Flurbiprofen Release Profiles
Granular Formulation Without Carbopol
Granular Formulation Containing Carbopol
Lozenge
% Recovery
100
90
80
70
60
50
40
30
20
10
0
0
10
20
30
40
50
60
Time (mins)

FIG. 3

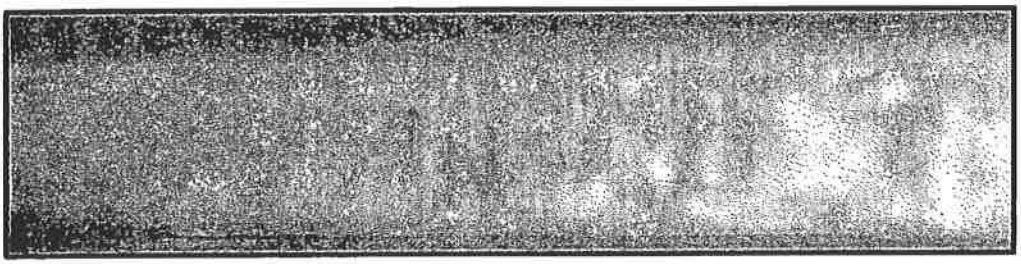


FIG. 4a

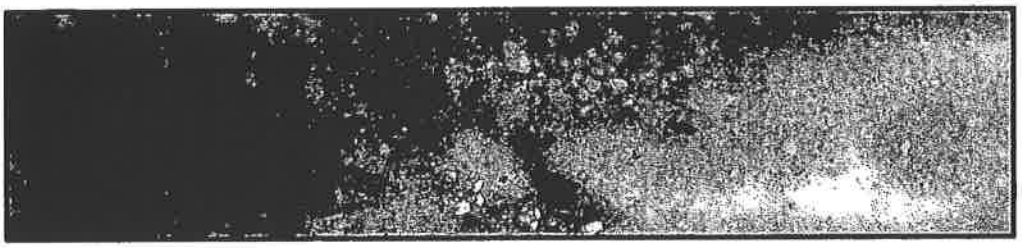


FIG. 4b

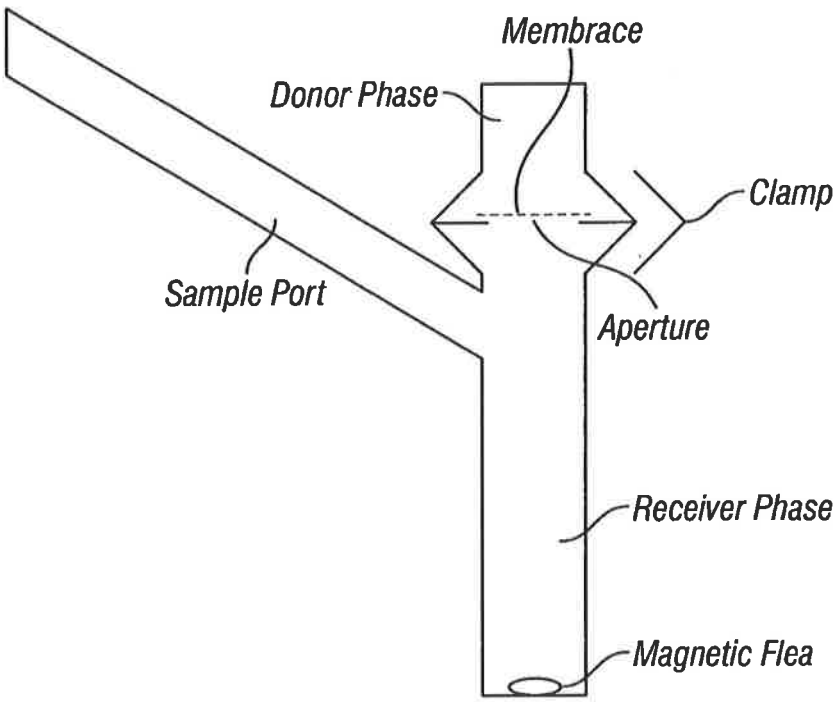

Membrace
Donor Phase
Clamp
Sample Port
Aperture
Receiver Phase
Magnetic Flea

FIG. 5

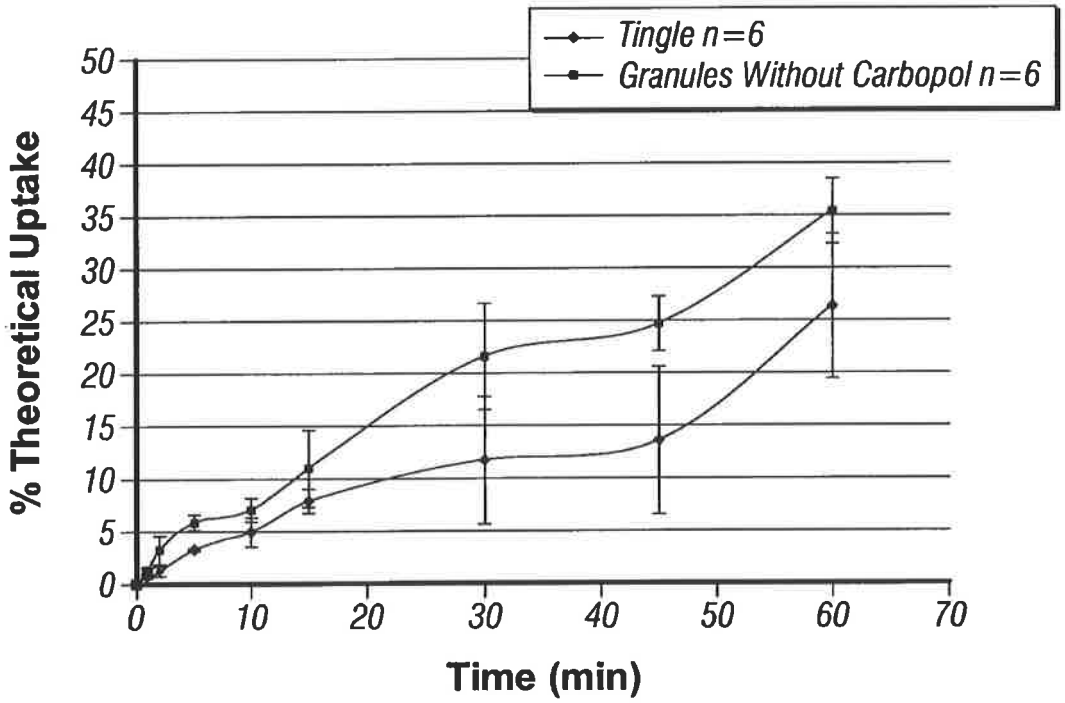

Tingle n=6
Granules Without Carbopol n=6
% Theoretical Uptake
0
5
10
15
20
25
30
35
40
45
50
0
10
20
30
40
50
60
70
Time (min)

FIG. 6