Fig. 1

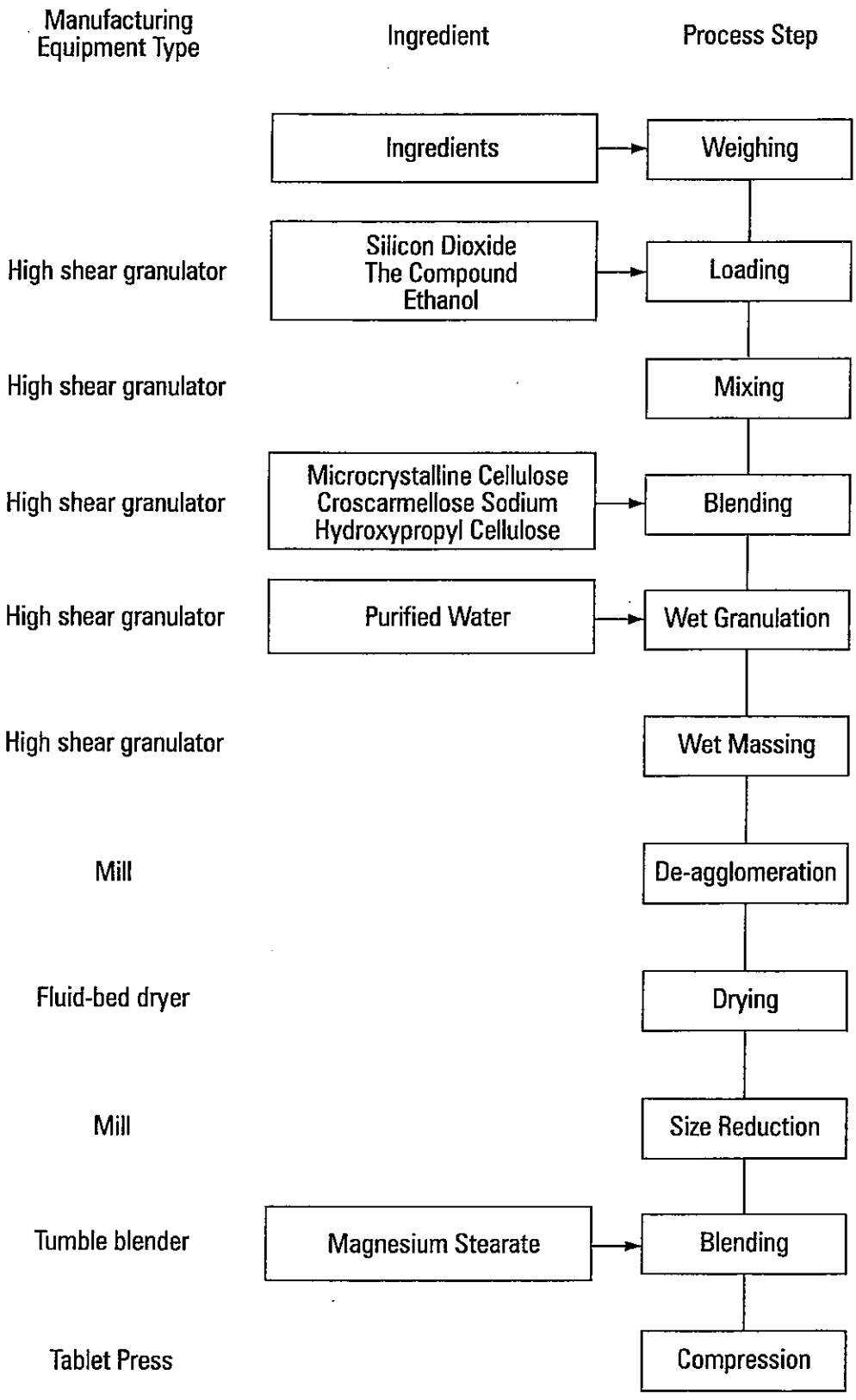

Manufacturing Equipment Type
Ingredient
Process Step
Ingredients
Weighing
High shear granulator
Silicon Dioxide
The Compound
Ethanol
Loading
High shear granulator
Mixing
High shear granulator
Microcrystalline Cellulose
Croscarmellose Sodium
Hydroxypropyl Cellulose
Blending
High shear granulator
Purified Water
Wet Granulation
High shear granulator
Wet Massing
Mill
De-agglomeration
Fluid-bed dryer
Drying
Mill
Size Reduction
Tumble blender
Magnesium Stearate
Blending
Tablet Press
Compression

Fig. 2

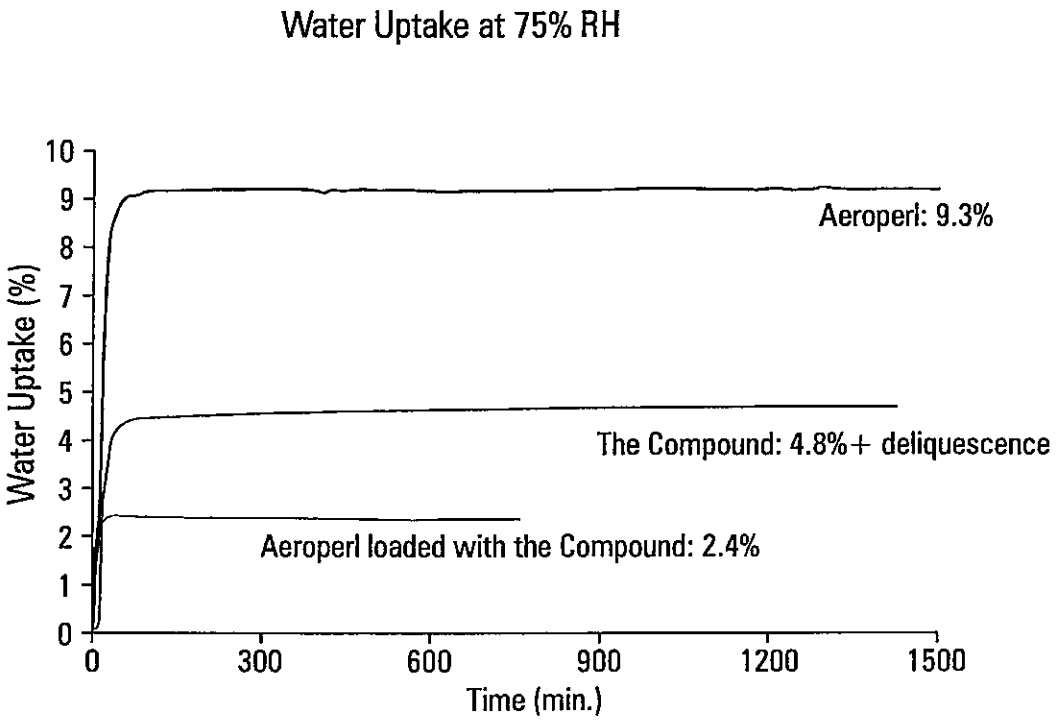

Water Uptake at 75% RH
Water Uptake (%)
10
9
8
7
6
5
4
3
2
1
0
0
300
600
900
1200
1500
Time (min.)
Aeroperl: 9.3%
The Compound: 4.8%+ deliquescence
Aeroperl loaded with the Compound: 2.4%

Fig. 3

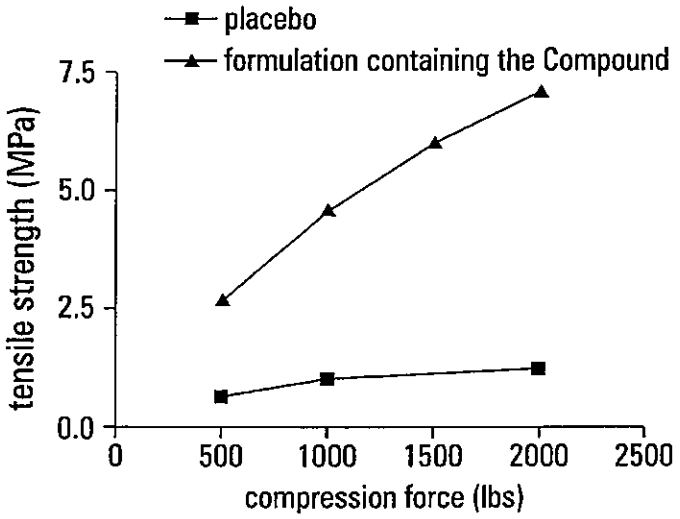

placebo
formulation containing the Compound
tensile strength (MPa)
7.5
5.0
2.5
0.0
0
500
1000
1500
2000
2500
compression force (lbs)

Fig. 4

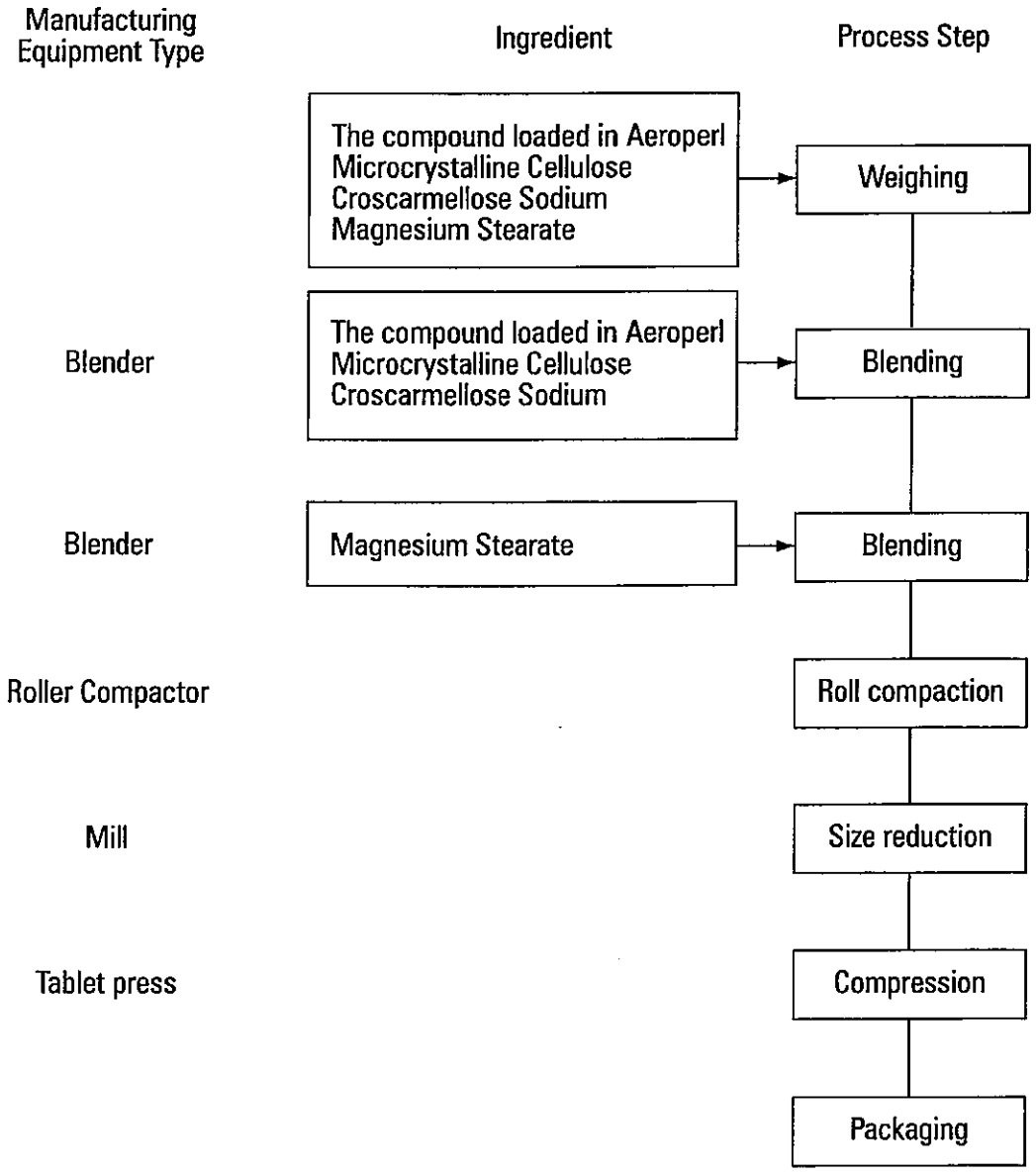

Manufacturing Equipment Type
Ingredient
Process Step
The compound loaded in Aeroperl
Microcrystalline Cellulose
Croscarmellose Sodium
Magnesium Stearate
Weighing
Blender
The compound loaded in Aeroperl
Microcrystalline Cellulose
Croscarmellose Sodium
Blending
Blender
Magnesium Stearate
Blending
Roller Compactor
Roll compaction
Mill
Size reduction
Tablet press
Compression
Packaging

Fig. 5

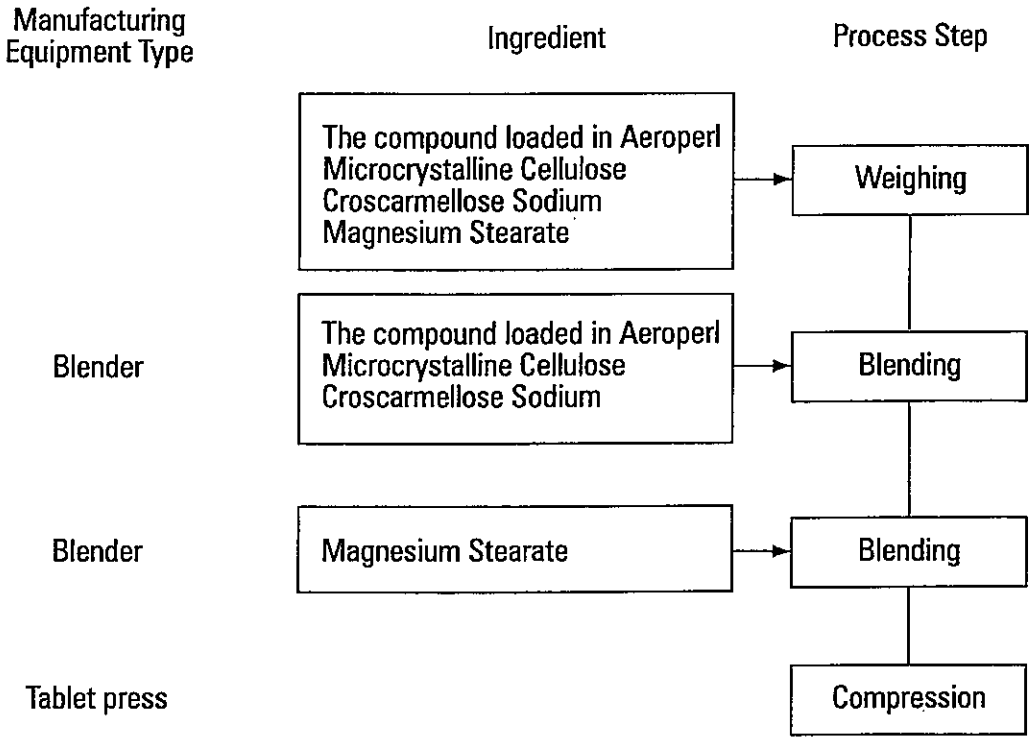
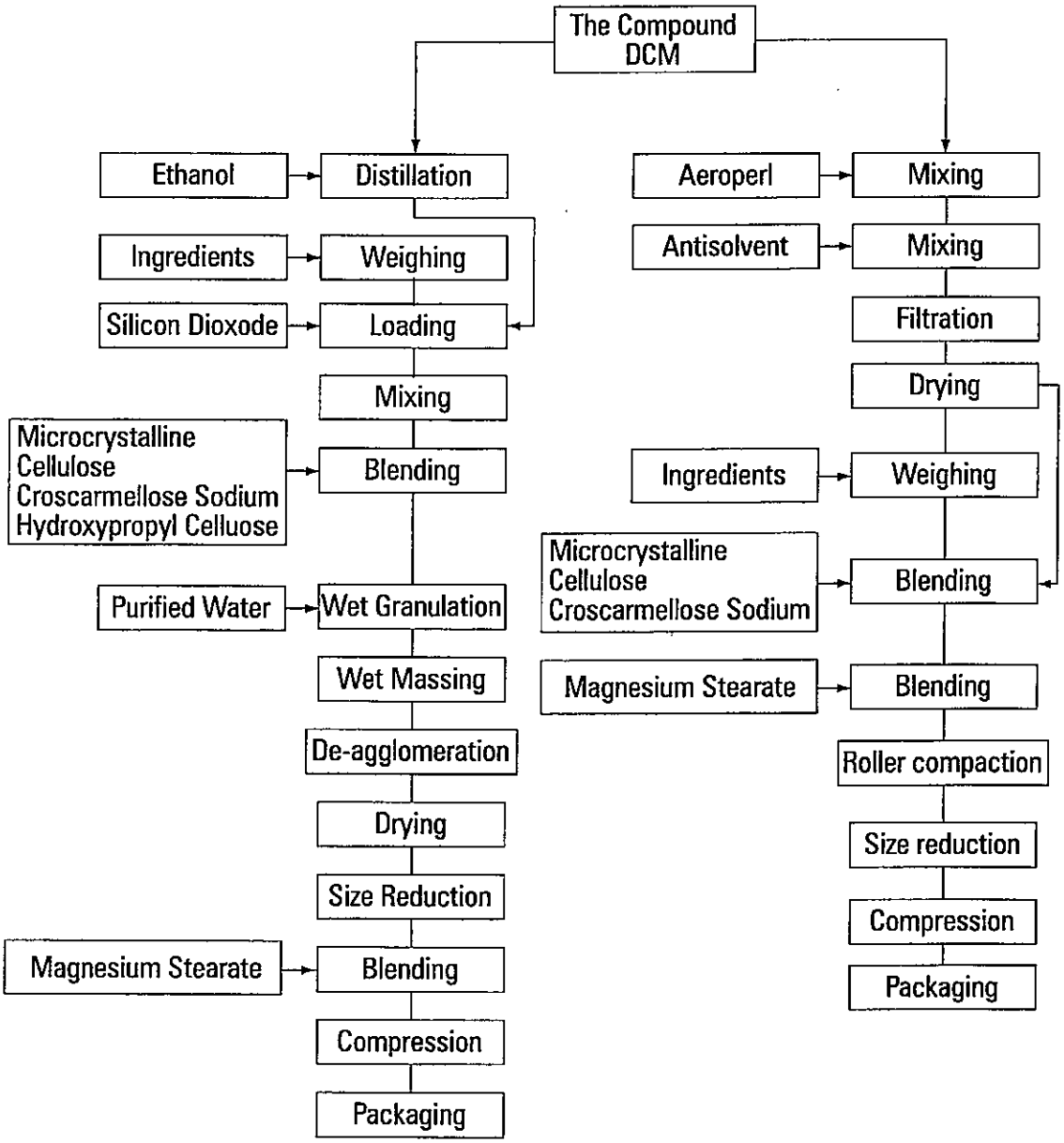

Manufacturing Equipment Type
Ingredient
Process Step
The compound loaded in Aeroperl
Microcrystalline Cellulose
Croscarmellose Sodium
Magnesium Stearate
Weighing
Blender
The compound loaded in Aeroperl
Microcrystalline Cellulose
Croscarmellose Sodium
Blending
Blender
Magnesium Stearate
Blending
Tablet press
Compression

Fig. 6


The Compound DCM
Ethanol
Distillation
Ingredients
Weighing
Silicon Dioxode
Loading
Mixing
Microcrystalline Cellulose Croscarmellose Sodium Hydroxypropyl Celluose
Blending
Purified Water
Wet Granulation
Wet Massing
De-agglomeration
Drying
Size Reduction
Magnesium Stearate
Blending
Compression
Packaging
Aeroperl
Mixing
Antisolvent
Mixing
Filtration
Drying
Ingredients
Weighing
Microcrystalline Cellulose Croscarmellose Sodium
Blending
Magnesium Stearate
Blending
Roller compaction
Size reduction
Compression
Packaging