FIGURE 1

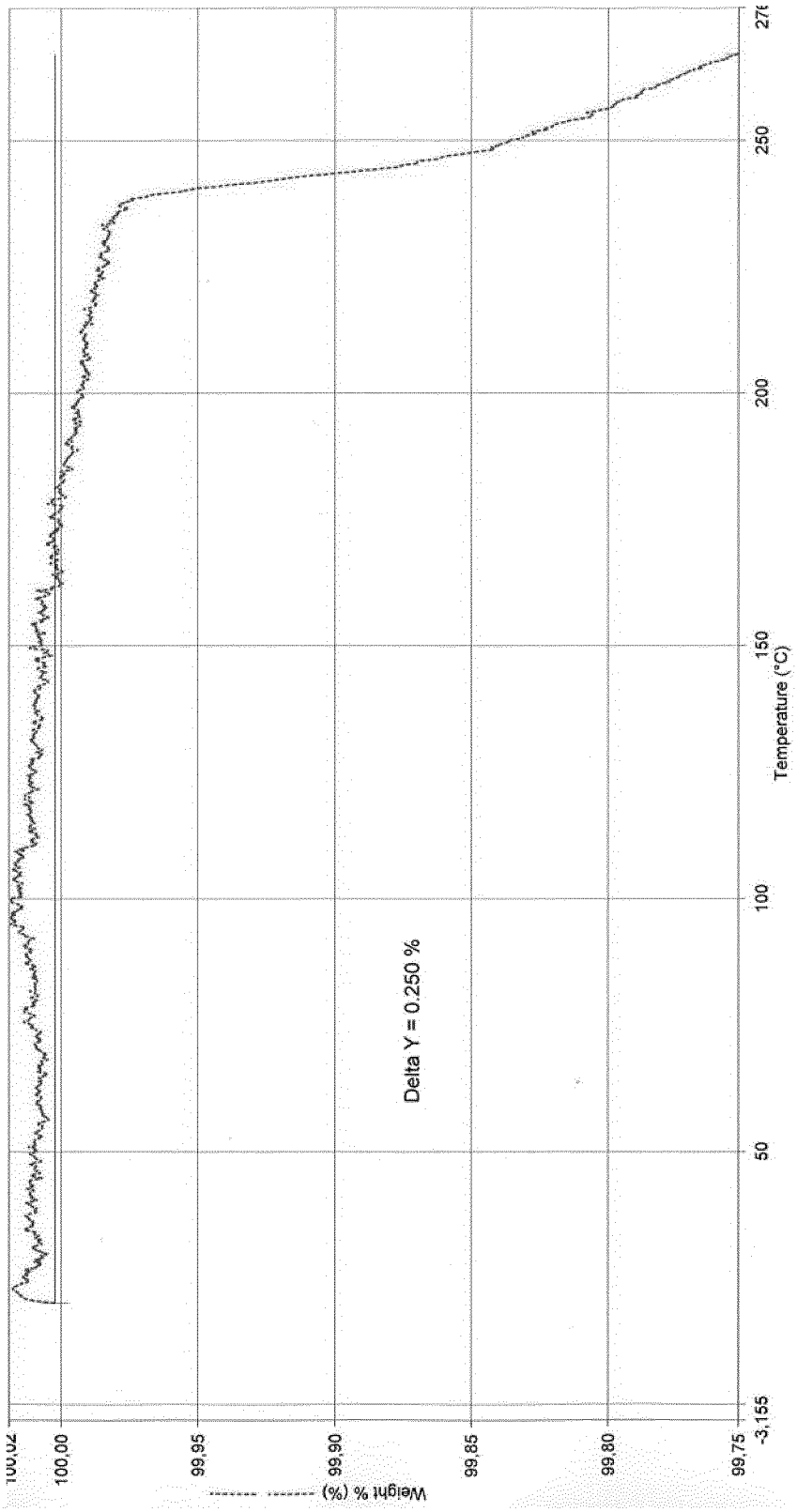

Delta Y = 0.250 %
Weight % (%)
Temperature (°C)
100,02
100,00
99,95
99,90
99,85
99,80
99,75
-3,155
50
100
150
200
250

FIGURE 2

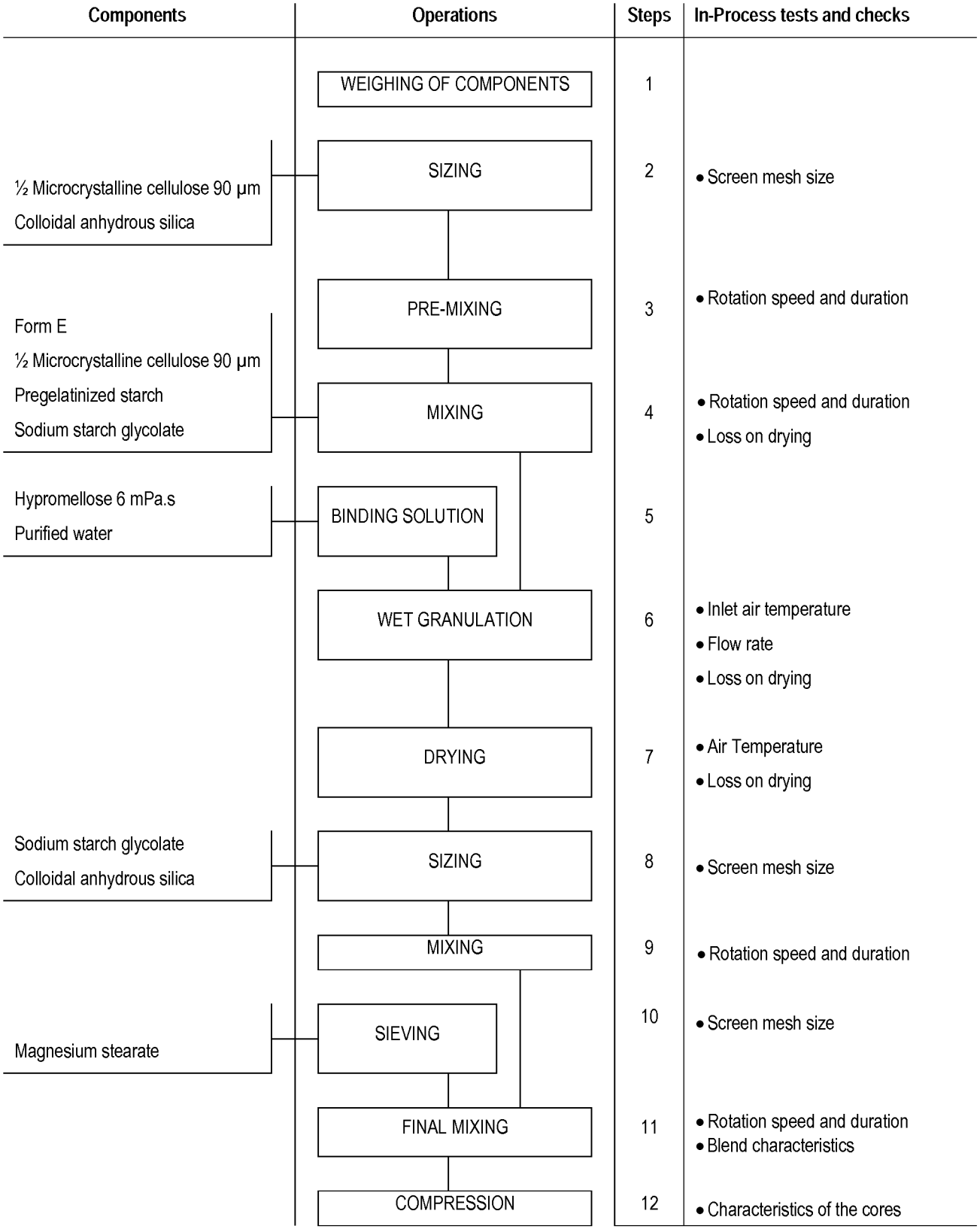

Components
Operations
Steps
In-Process tests and checks
WEIGHING OF COMPONENTS
1
½ Microcrystalline cellulose 90 µm
Colloidal anhydrous silica
SIZING
2
• Screen mesh size
PRE-MIXING
3
• Rotation speed and duration
Form E
½ Microcrystalline cellulose 90 µm
Pregelatinized starch
Sodium starch glycolate
MIXING
4
• Rotation speed and duration
• Loss on drying
Hypromellose 6 mPa.s
Purified water
BINDING SOLUTION
5
WET GRANULATION
6
• Inlet air temperature
• Flow rate
• Loss on drying
DRYING
7
• Air Temperature
• Loss on drying
Sodium starch glycolate
Colloidal anhydrous silica
SIZING
8
• Screen mesh size
MIXING
9
• Rotation speed and duration
Magnesium stearate
SIEVING
10
• Screen mesh size
FINAL MIXING
11
• Rotation speed and duration
• Blend characteristics
COMPRESSION
12
• Characteristics of the cores

FIGURE 2 (continuation)

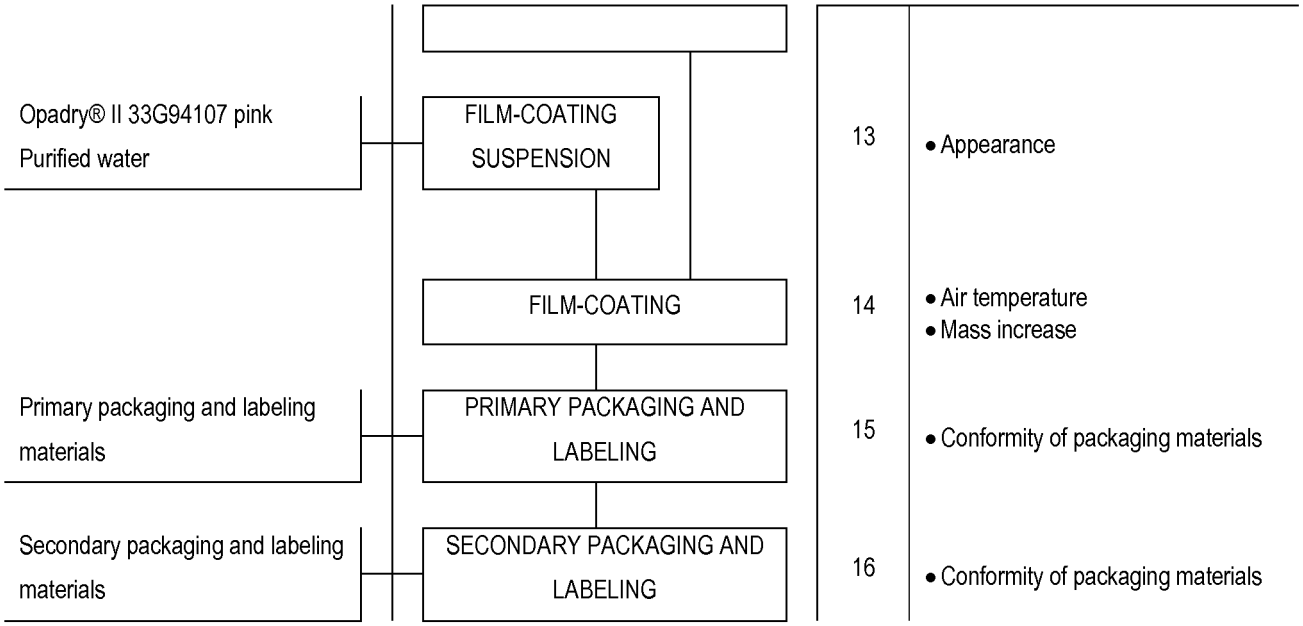


FIGURE 3

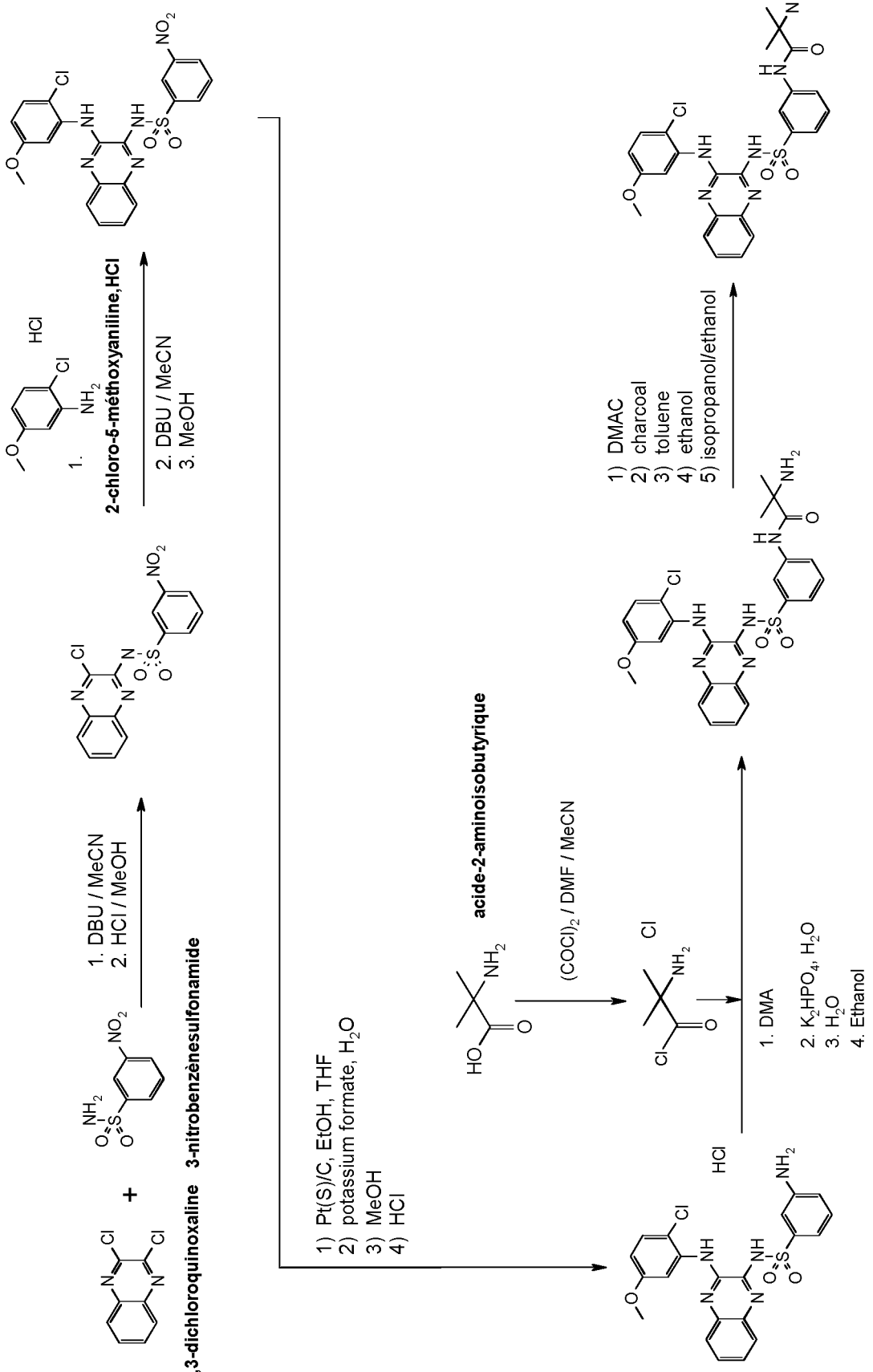

2,3-dichloroquinoxaline
3-nitrobenzènesulfonamide
1. DBU / MeCN
2. HCl / MeOH
2-chloro-5-méthoxyaniline,HCl
1.
2. DBU / MeCN
3. MeOH
1) Pt(S)/C, EtOH, THF
2) potassium formate, H2O
3) MeOH
4) HCl
acide-2-aminoisobutyrique
(COCl)2 / DMF / MeCN
1. DMA
2. K2HPO4, H2O
3. H2O
4. Ethanol
1) DMAC
2) charcoal
3) toluene
4) ethanol
5) isopropanol/ethanol

FIGURE 4

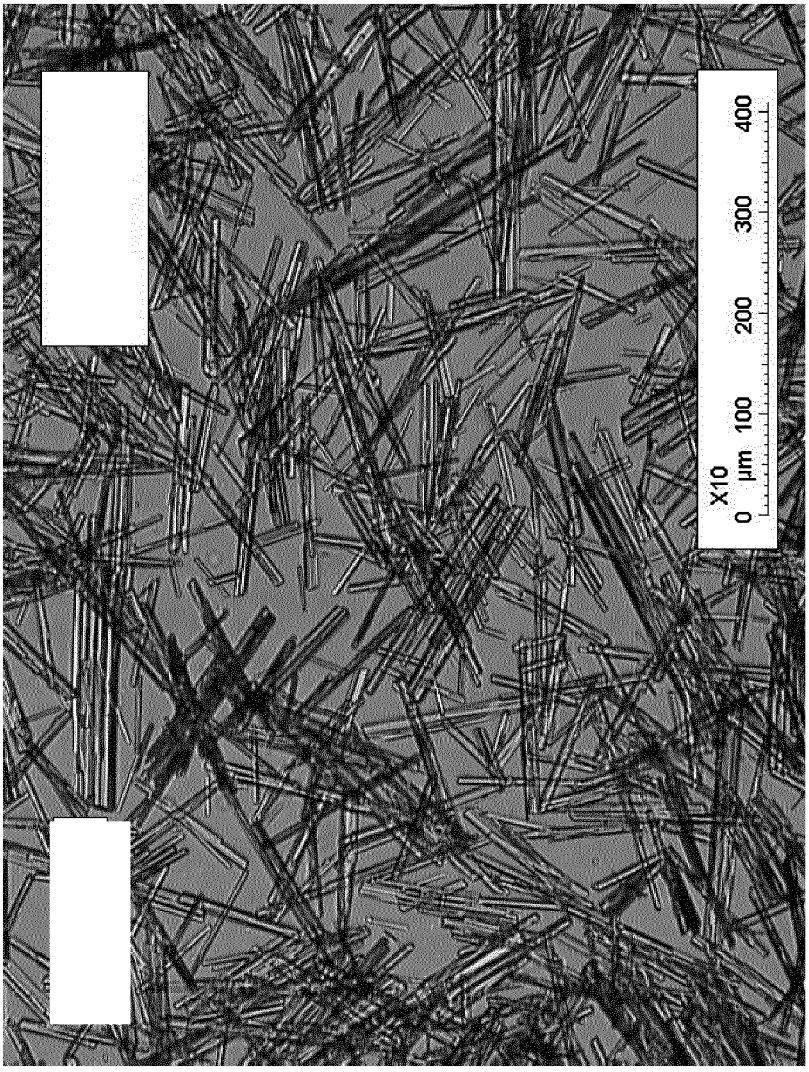


FIGURE 5

