

Figure 1: Microscopic images of paracetamol crystals at x200 magnification from three separate runs.

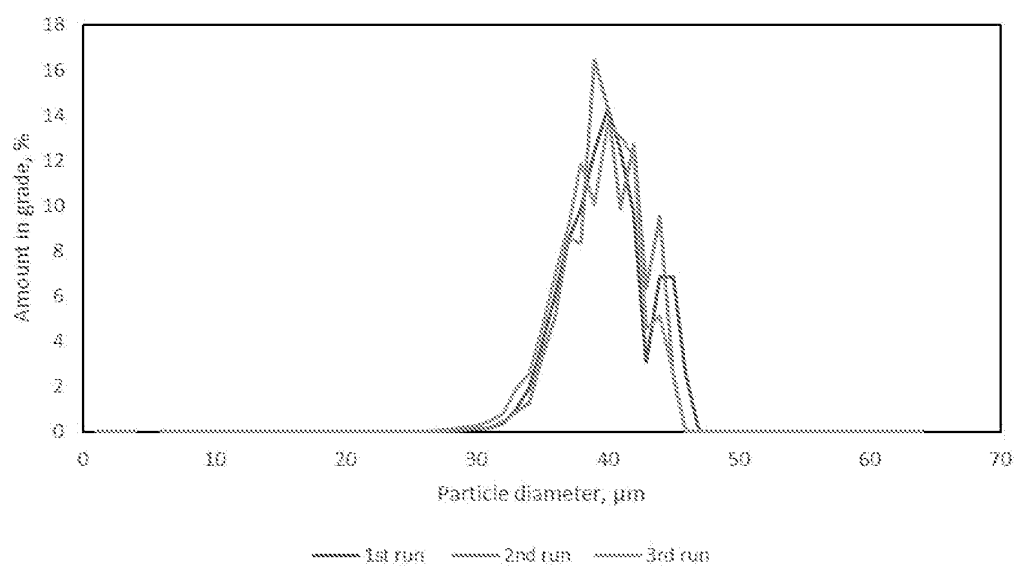


Figure 2: Crystal size distributions obtained by visual particle size analysis of paracetamol crystals formed from three separate CXF runs

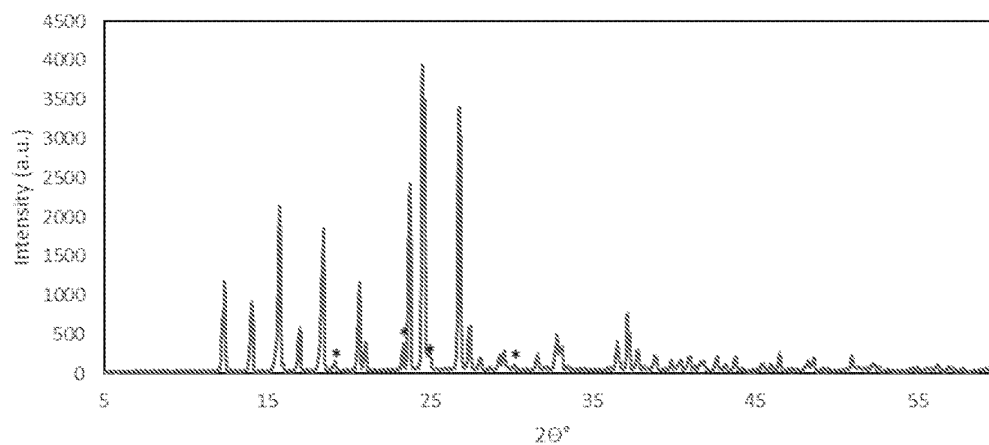


Figure 3: XRPD pattern of paracetamol produced via CXF with (*) indicating peaks belong to solid PEG P123 surfactant

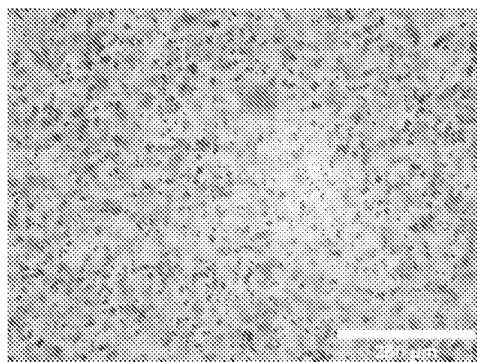


Figure 4: Microscopic image of piroxicam produced via CXF at 100x magnification

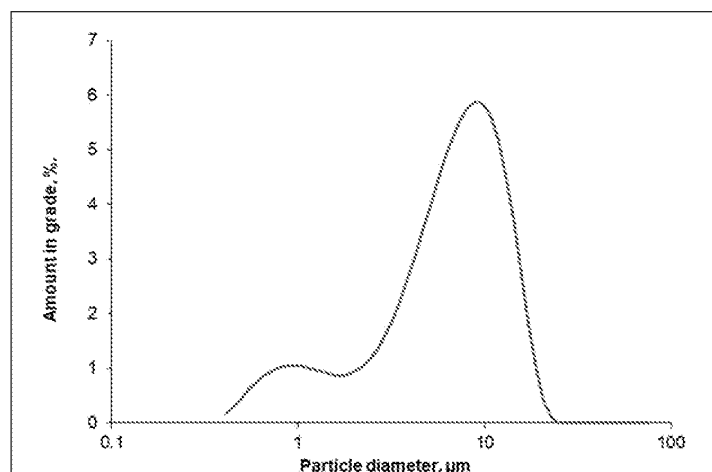


Figure 5: Crystal size distributions obtained by laser diffraction of piroxicam crystals formed via CXF

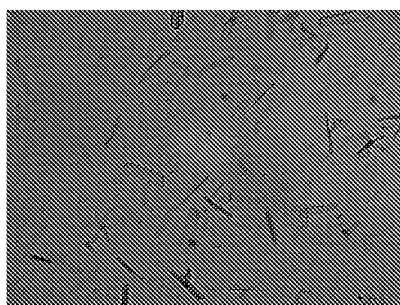


Figure 6: Microscopic image of prednisolone crystals produced via CXF at 200x magnification

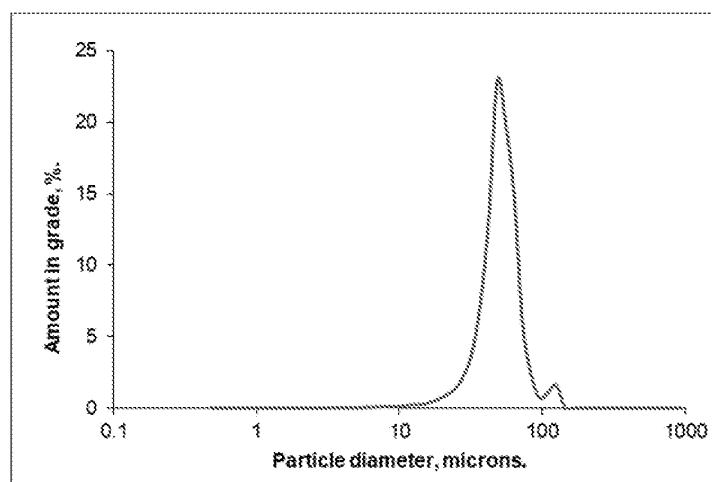


Figure 7: Crystal size distribution obtained by visual particle size analysis of prednisolone crystals produced via CXF

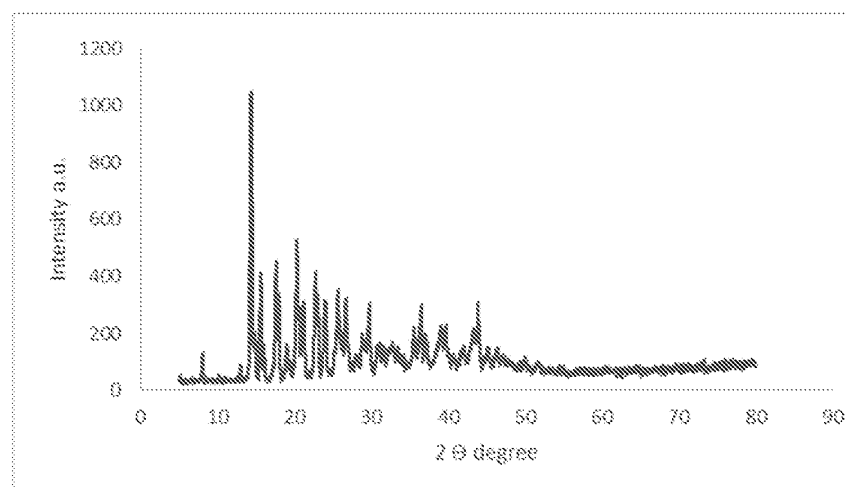


Figure 8: XRPD pattern of prednisolone produced via CXF

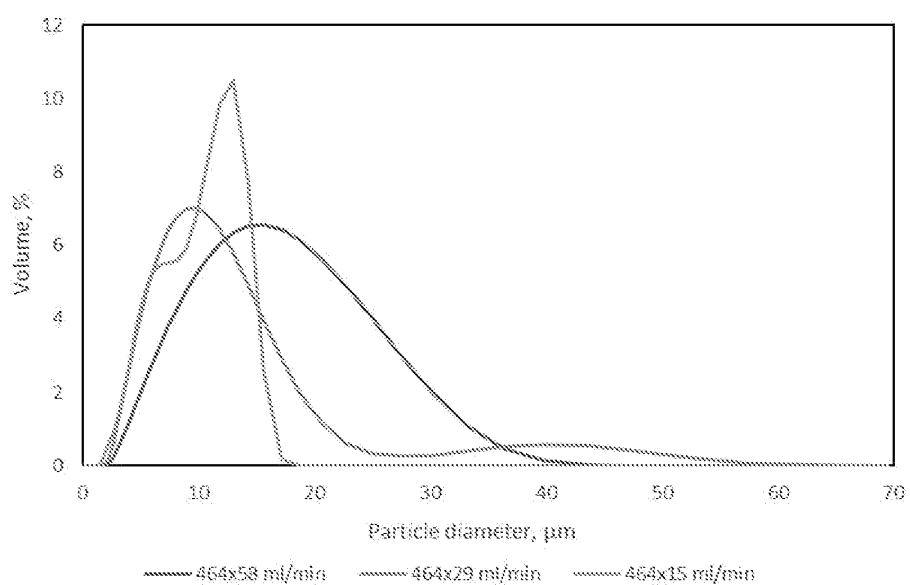


Figure 9: Effect of changing CXF DP organic phase flow rate on particle size distributions of telmisartan, obtained by laser diffraction

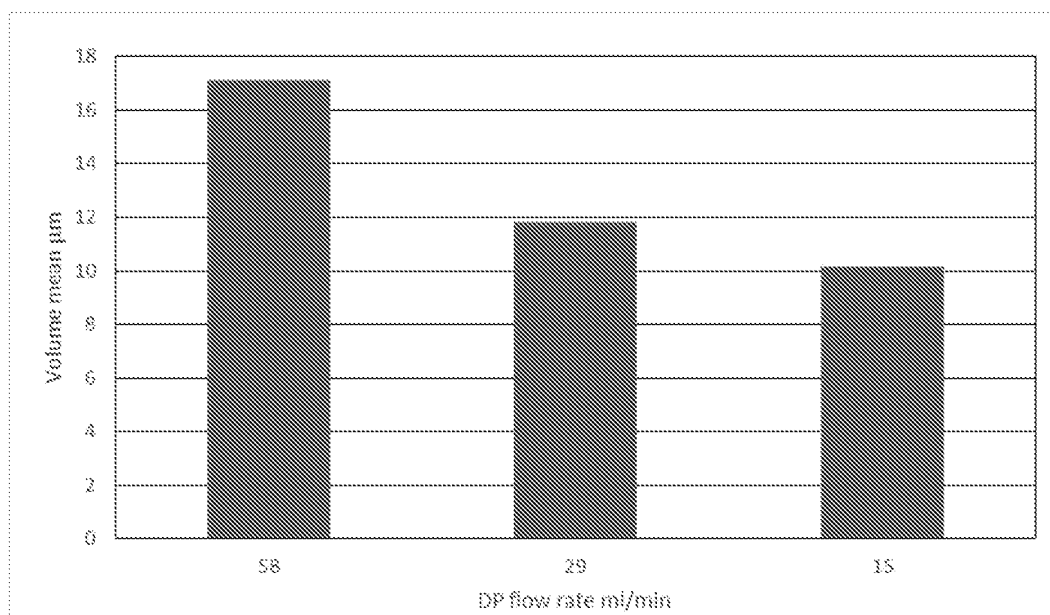


Figure 10: Effect of CXF DP flow rate on volume mean size of telmisartan particles to organic phase flow rates

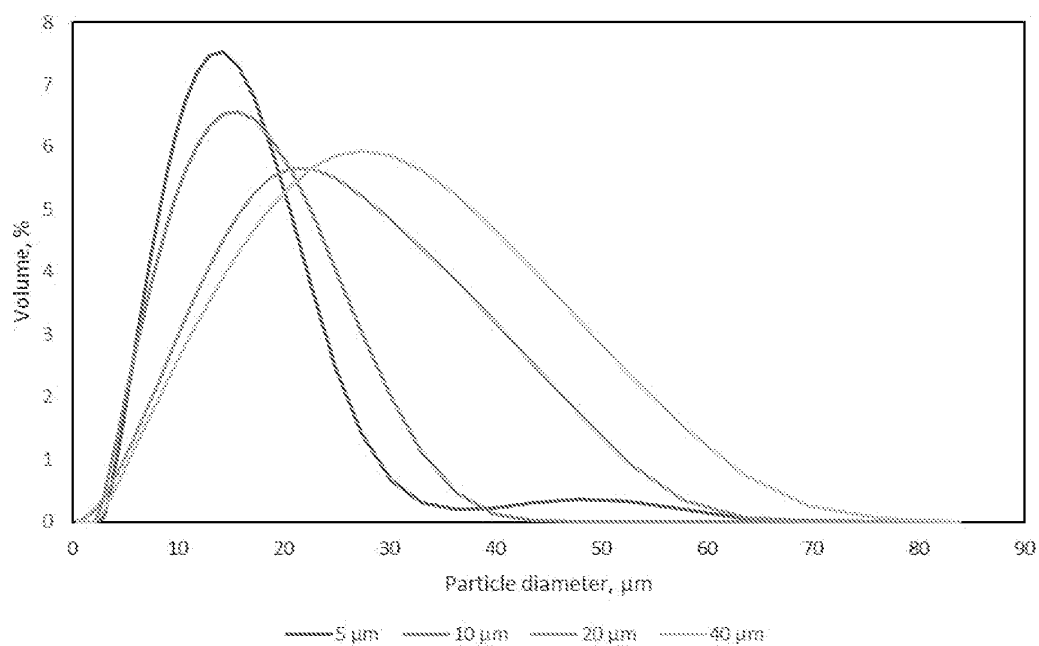


Figure 11: Effect of membrane pore diameter on particle size distribution of telmisartan, obtained by laser diffraction

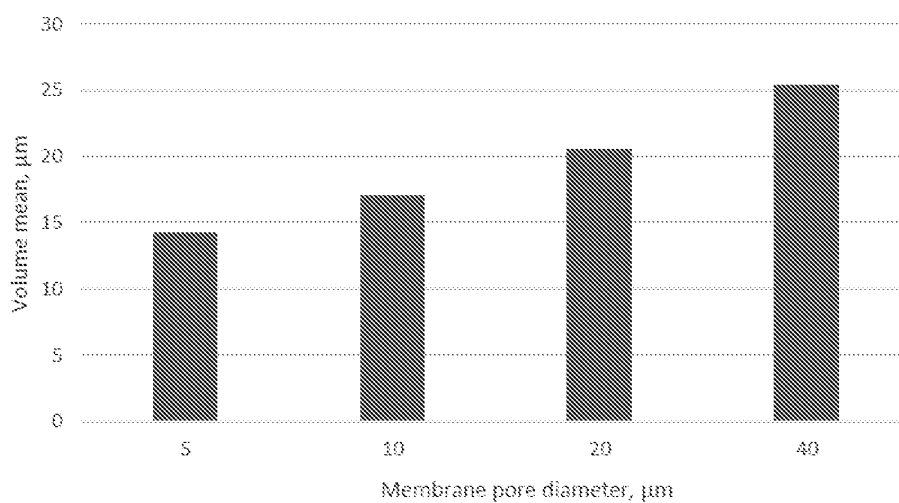


Figure 12: Effect of membrane pore diameter on volume mean size of telmisartan particles

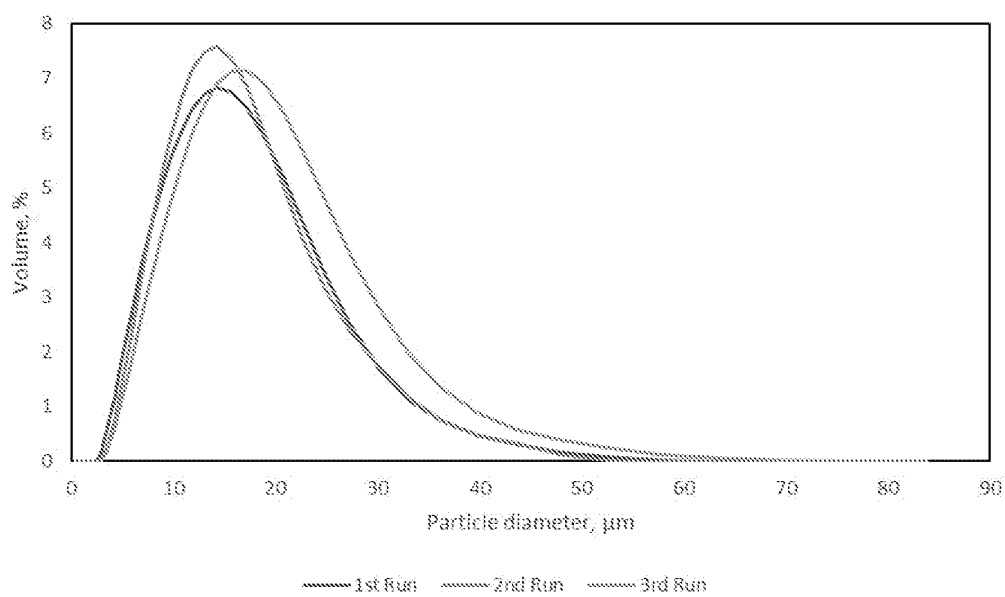


Figure 13: Particle size distributions obtained by laser diffraction of telmisartan produced on three separate LDC runs

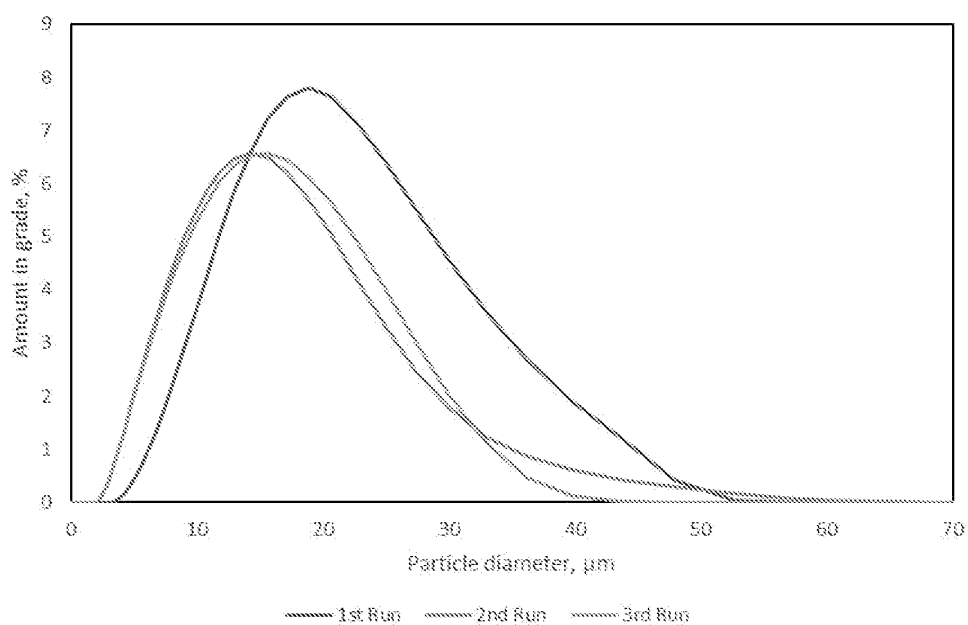


Figure 14: Particle size distributions obtained by laser diffraction of telmisartan produced on three separate CXF runs

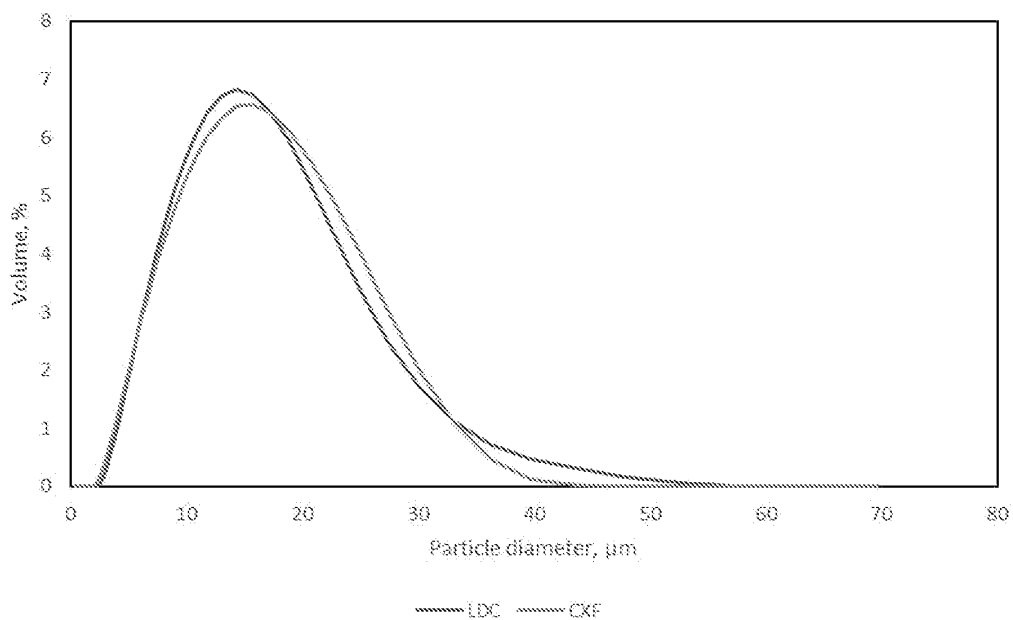


Figure 15: A comparison of particle size distributions obtained by laser diffraction of telmisartan produced via LDC and CXF

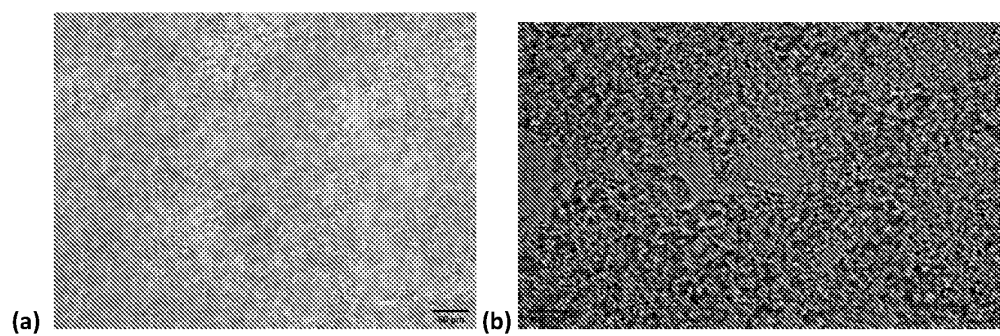


Figure 16: Microscopic images at $\times 100$ magnification of telmisartan prepared via LDC (a) & CXF (b).

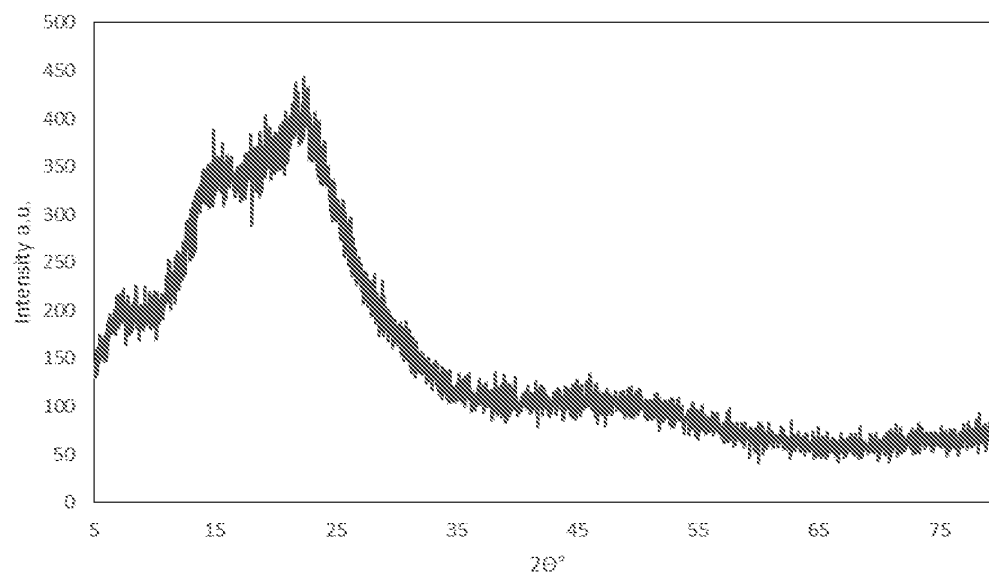
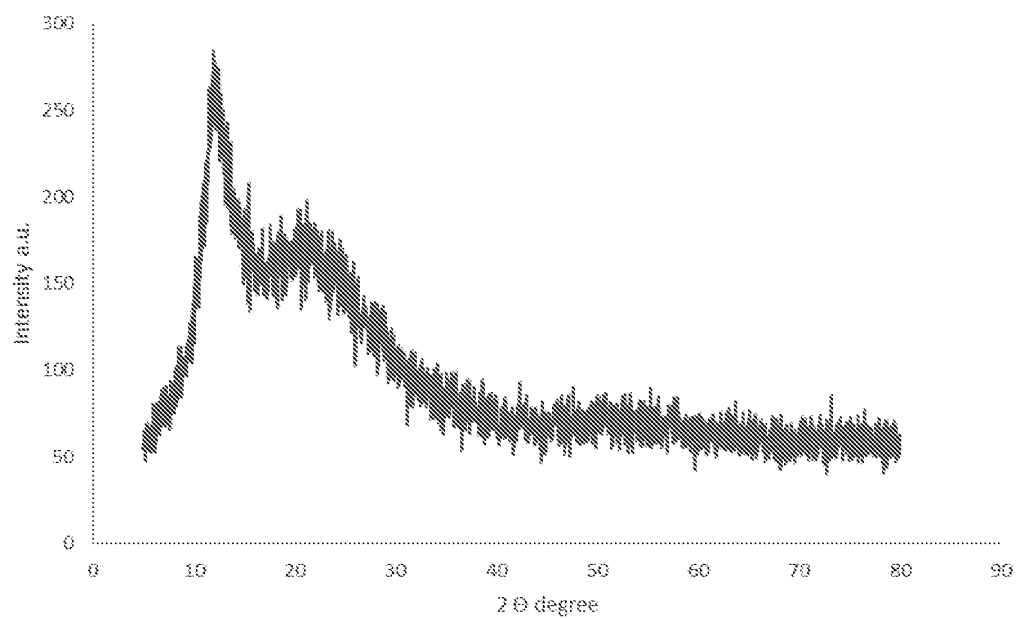


Figure 17: XRPD pattern of telmisartan collected via LDC (top) and CXF (bottom).

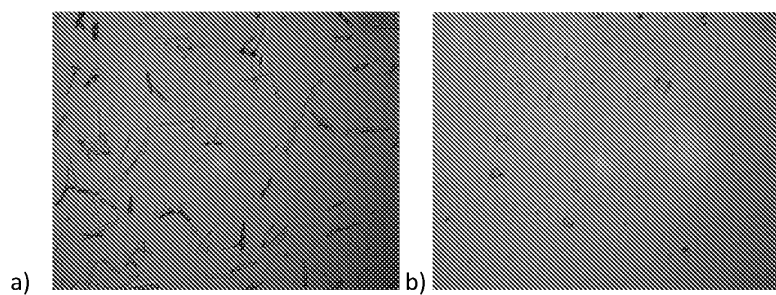


Figure 18: Microscopic image of Carbamazepine crystals at x100 magnification, produced via the LDC. The aqueous phase used was distilled water with 0.5% P123 surfactant (a) and distilled water with 0.5% HPMC surfactant (b)

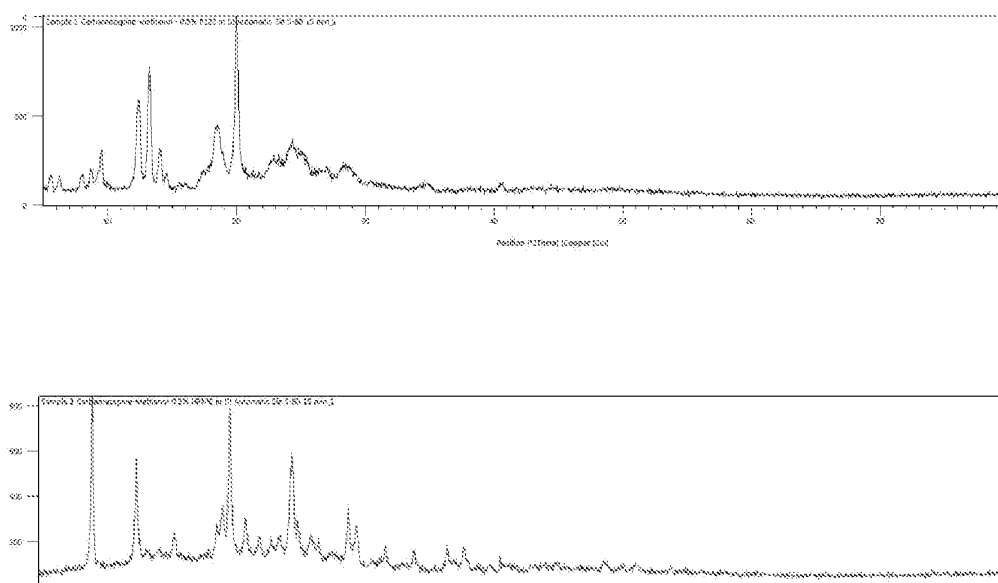


Figure 19: XRPD pattern of carbamazepine produced on the LDC showing form II (top) and form III (bottom)

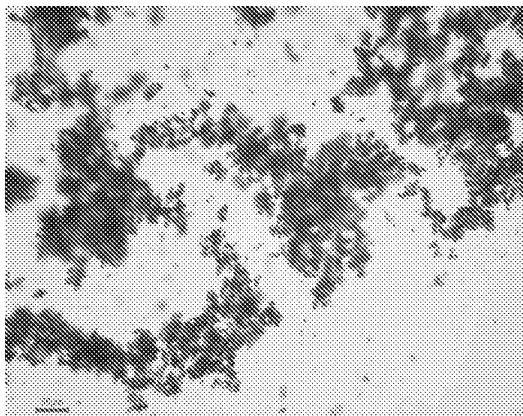


Figure 20: Microscopic image of Atorvastatin particles produced via the LDC at x100 magnification

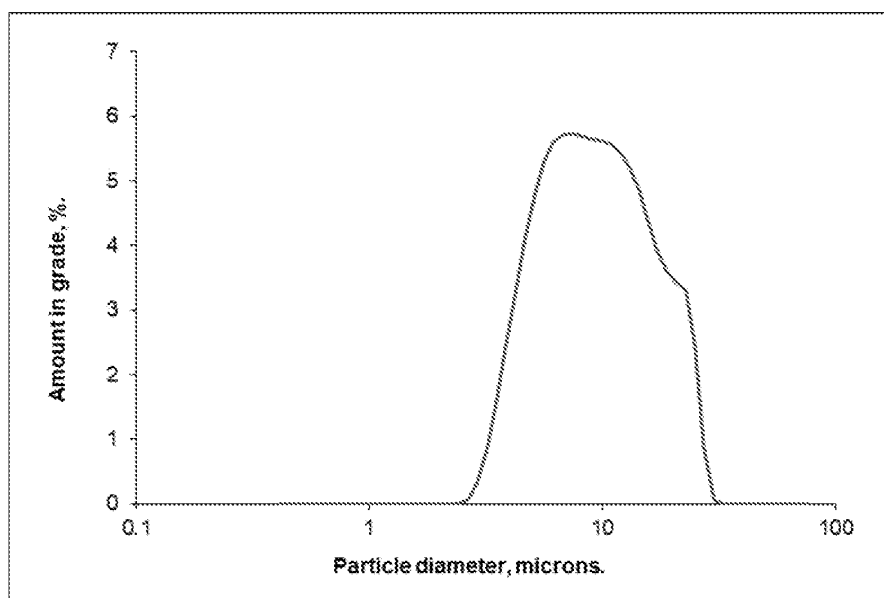


Figure 21: particle size distribution obtained via laser diffraction of atorvastatin particles produced on the LDC

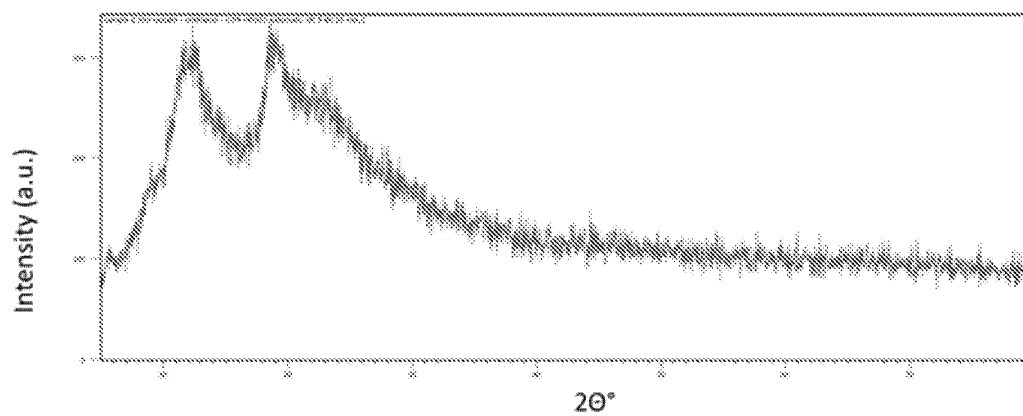


Figure 22: XPRD diffractogram of atorvastatin particles produced on the LDC

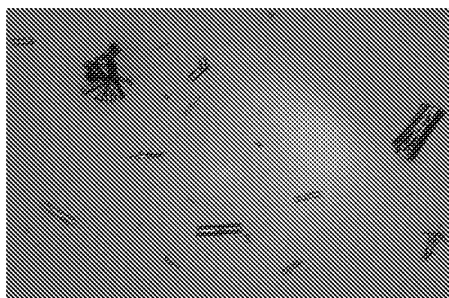


Figure 23: Microscopic image of metformin crystals at 100x magnification produced via LDC