PAT Toolbox

Process Train Coverage

	Currently Available PAT Technologies							
	Near Infrared Spectroscopy	Turbidimetry	Refractometry	Viscometry	Ultra Violet Photometry	Laser Diffraction	Mass Spectroscopy	Mid Infrared Spectrosc
Dispensing								
Dissolution								
Suspension Prep.								
Distillation								
Reaction								

Wet-milling

Crystallization

Column Purification

Jet-milling

Spray-Drying

Familiarization

Industrialization

Scale-Up

Commercial Mnfg. Start-Up

Commercial Routine Mnfg

Continuous

Improvement