

































Glatt	Planned development	
Design of Experime	ients (DoE)	
We (Glatt Pharmaceut	utical Services) perform a DoE	
 with 1 defined form with 1 defined proce in order to optimize 	nulation cessing step (e.g. granulation, drug layering, coating) e 1 processing step	
→ We find processing	g parameters for	
 a safe process a reproducible proc a reproducible proc 	ocess quality cost	
• a fast as possible p	process	
Glatt. Integrated Process Solutions.	is. —	

























Glatt	DoE 3: modified release Coating / DoE
Eudragit RL 30 D	polymer
Eudragit RS 30 D	polymer
 Triethylcitrate 	plastisizer
 Talc (micronised) 	antitacking
 Water 	
Glatt. Integrated Process Solution	5

Glatt	DoE 3: process release coating	optimisation of a modified	
Configuration of	Wurster fluidized bed	l unit	
 position of Wurster inlet air distributi diameter of spray 	er column on plate nozzle insert	defined not part of DoE	
Selected parame	ters for process optim	nisation DoE:	
 inlet air volume inlet air temperat spray rate / product 	ure uct temperature	product humidity process velocity	
• atomization air pr	ressure	droplet size	
Glatt. Integrated Process Solution	ons. ————————————————————————————————————		

eletriptan CR Pellets							
rocess	s Paramete	rs of Experimental Design					
<u>No.</u> of Factor (Si	<u>Factor</u> (Short name)	<u>Factor</u>	Factor	<u>low</u>	<u>Niveaus</u> <u>medium</u>	<u>hiqh</u>	
1	V	inletair vol	Inlet air volume	110	130	150	
2	AP	at.air press	atomisation air pressure	1,4	2	2,6	
3	PT	product temp	product temperature	27	30	33	
4	Π	inletairtemp	inlet air temperature	45	55	65	
4	11	inietairtemp	iniet air temperature	45	55	65	















