

Product Information Sheet

Paulaur Sugar Spheres - Drug Layering Substrate

Paulaur Sugar Spheres White consists of approximately spherical particles composed of sucrose and starch. Particle sizes are maintained within strict parameters to ensure consistent available surface area making them ideal, when used in conjunction with modified-released coatings, for sustained or extended release dosage forms. Paulaur Sugar Spheres are produced in a wide range of sizes to provide the desired platform necessary for specific customer applications. Other attributes of Paulaur Sugar Spheres are a consistent surface for adhesion of coatings and active pharmaceutical ingredients, excellent flow-ability, and mechanical strength allowing them to withstand the rigors involved in drug layering applications.

Paulaur Sugar Spheres are in compliance with applicable excipient GMP requirements based on the USP/NF General Chapter <1078> and Good Manufacturing Processes for Bulk Pharmaceutical Excipients; and meet all specifications for Sugar Spheres as defined in the current version of USP/NF, and PhEur.

Particle Size Distribution

Mesh	Size (um)	% passed through U.S standard sieve							
		No. 12	No. 14	No. 16	No. 18	No. 20	No. 25	No. 30	No. 35
14-18	1,400-1,000	100% min	90% min	-	10% max				
16-18	1,180-1,000		100% min	90% min	10% max				
16-20	1,180-850		100% min	90% min	-	10% max			
18-20	1,000-850			100% min	90% min	10% max			
20-25	850-710				100% min	90% min	10% max		
25-30	710-600					100% min	90% min	10% max	
30-35	600-500						100% min	90% min	10% max

		No. 25	No. 30	No. 35	No. 40	No. 45	No. 50	No. 60	No. 80
35-40	500-425		100% min	90% min	10% max				
40-50	425-300			100% min	90% min	-	10% max		
45-60	355-250				100% min	90% min	-	10% max	
60-80	250-180						100% min	90% min	10% max

Other sizes: Please inquire